BA or BSc after B.Ed, 88
Course in journalism 222

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Faculty of Arts and Science Minutes

Volume VII

(February, 1947 to May, 1952)

Feb. 3, 1947

Minutes of the 402nd meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, February 3, 1947.

Those present were: Dr. Macdonald in the Chair; Professors Collins, Johns, Reymes-King, Salter, Cormack, Folinsbee, Jones, Gordon, Whyte, Gowan, Scott, Nichols, Strickland, Miss McIntyre, Miss Patrick, Greene, Langstroth, Moss, Orchard, Thomas, Campbell, J.W., Cook, Glyde, Allan, Sheldon, Morrison and Mr. Taylor.

The minutes of the previous meeting were read and approved.

1. Pre-Medical Course

The Chairman mentioned that owing to the heavy agenda at the January meeting of the General Faculty Council, consideration of the Pre-Medical course had been postponed until next meeting of that Council.

2. Four-Year Course in Arts and Science

The Chairman stated that he had made enquiry concerning the recommendation submitted a year ago from this Council to General Faculty Council that the B.A. and B.Sc. courses be extended to four years. The latter Council had approved of it in principle as educationally desirable, following upon more discussion as to its practicability. On his return from a Presidents' Conference in the East, Dr. Newton had reported that the University of Saskatchewan, while regarding their present three-year course as not very satisfactory, did not appear to be contemplating any immediate action about it. He informed the Chairman further that the matter was in the hands of a Senate Committee on Articulation of the High Schools and the University, and he would enquire as to what had been done. Professor Jones asked whether such a committee had the power to sanction a four-year course. The Chairman stated that the Senate had power, not to institute the change but to make representations to the Board of Governors.

He suggested that, as the proposed change would directly affect not only the University but the High Schools and the general public, the procedure described seemed the most desirable one to adopt.

3. Matriculation in Saskatchewan

Professor Salter drew the attention of Council to the fact that he had received a pamphlet published by the Saskatchewan Government wherein it was stated that credit was going to be given at the Grade XII level on the recommendation of teachers for students who had an average of 66% or over on their year's work. He thought that this was a matter of considerable concern to this Council. Dr. Macdonald said that the statement referred to had been drawn to his attention that morning and that he had asked the Registrar to write to the Registrar at Saskatchewan in order to enquire as to what the situation was. It might be that the credit in question concerned only the High School Diploma in which case we would not be concerned. On the other hand, it might be that the credit referred to was matriculation credit and we would be immediately concerned.

4. Entomology 42 - Structure and Habits of Arthropoda

At its last meeting, the Council had included a half course (Entomology 41a) as part of the new Pre-Medical course. While this implied implicit sanction of the course, it seemed desirable that it should be formally sanctioned and Professor Strickland was now asking for such sanction. He further suggested that, as it was a new course, it should be more properly called by a new number, namely, Entomology 42. The course will consist of three hours lectures, three hours laboratory, first or second half. It will deal with the structure and habits of Arthropoda with particular reference to those of medical importance. On a motion of Professor Strickland, seconded by Dr. Moss, aproval was given.

5. History 5 - European History from 1500 A.D. to the present

Dr. Collins asked approval for a new junior course, History 5, which would deal with European History from 1500 A.D. to the present day. It was really a question of re-instating the old History 1 which had been discontinued for a considerable number of years. The Chairman pointed out that it was rather late in the session to be introducing new courses but the situation in the Department of History had arisen because of a recent appointment to the staff of that department. In that case, he felt that if this Council sanctioned the new course, the General Faculty Council might be willing to approve it for the coming session. On a motion by Dr. Collins, seconded by Professor Thomas, the new course, History 5, was approved.

6. Recommendation from the Department of Fine Arts

(a) Fine Arts Pattern

Professor Reymes-King moved

> "that instead of the present Music pattern, a Fine Arts pattern should be instituted".

This motion was seconded by Professor Orchard. In this new pattern there should be a concentration in one division of at least four courses or to the extent that this is possible. There should also be, in the case of five subjects being taken in one division one option available from another division of Fine Arts, or in the case of four subjects in one division, two options from another division or other divisions.

The sixth subject in Fine Arts could appear as
either

"other approved option as already allowed for in the second year of the present pattern"

or

in the third year subjects 3, 4
"one senior foreign language and one senior English,

or

or

one of the above and one approved option."

On being put to a vote, the motion was carried.

(b) It was moved by Professor Reymes-King and seconded by Professor Orchard

> "that Drama 41, seeing it had not yet been actually given, might better be re-numbered Drama 44".

This would help to avoid confusion over the fact that Drama 51 and 52 might be considered as sequent courses to Drama 41 which is not the case. The motion was carried.

(c) Matriculation for Fine Arts Pattern

It was moved by Professor Reymes-King and seconded by Professor Orchard

> "that Music might be offered as an option in a matriculation leading to the Fine Arts pattern in place of one of the Sciences".

Music had already been approved as a subject for matriculation in the music pattern and the motion was intended to extend this permission to a Fine Arts pattern generally. In answer to a question from Professor Salter, Professor Orchard stated that a training in Music could be valuable in the study Drama and is almost essential if the study of Drama is to be carried to any high level. He therefore expressed himself as in favour of the proposal. Dr. Folinsbee expressed the view that the Science requirements of matriculation should not be lessened and that it did not seem desirable in any case to admit a student with a matriculation which would involve a deficiency if the student changed his mind about following a Fine Arts pattern. The Chairman stated that such students would still be offering all the Mathematics units and a senior Science of Grade XII. In the event of their changing their minds, they would be required to make up their matriculation deficiency with summer session work. On being put to a vote, the motion was carried.

7. Conservation Courses

The Chairman recalled that at the November meeting of this Council, two new courses in Zoology which were concerned with the conservation issue, had been sanctioned. These had been duly approved by the General Faculty Council at its meeting in the same month. In that Council, the question of broadening the basis of this project was raised and the Chairman was commissioned to invite this Faculty to look into the question of devising a more comprehensive program along these general lines. As the program would involve not only Zoology and Botany but probably a course or courses in Soils, it was uncertain whether an ordinary three-year B.Sc. pattern was indicated. It might turn out that an Honors course would be better. He did not think that the Council was ready for discussion of the question at the present meeting but he asked it to give him permission to call a meeting of the Committee on Honors with a view to initiating proceedings there. Council agreed to this suggestion.

8. Biological Science Pattern

In view of the fact that the Department of Geology has withdrawn the Biological Geology pattern, the Chairman suggested that the heading on Page 94 of the calendar should read "Biological Sciences" only and not as at present "Biological Sciences and Geology". Further, in the first year of the Biological pattern, a footnote now reads "by special permission, Entomology 41 can be selected in place of Geology 1". The Chairman suggested that Geology 1 be dropped from that pattern and Entomology 41 be substituted and that the footnote should read "by special permission Geology 1 may be substituted for Entomology 41".

This was agreed to. Dr. Moss requested that the Botany pattern be left as it is, that is, with Geology 1 listed instead of Entomology 41.

9. Students in First Year Honors

Dr. Cook raised the question of the status of a student whose work by the end of his first year in one of the patterns is of such a calibre that he should be registered in Honors. He felt that there should be a reconsideration of the first year prescription for Honors to make sure that transfer from the ordinary to the Honors course can be effected in such cases. The Chairman expressed the view that this was rather an important matter which he would like to take up at the next meeting of the Committee on Honors. No student was officially in Honors during his first year and it should be possible for a student to transfer to Honors without serious penalty at the beginning of his second year if he was clearly of calibre to do so and he was prepared to undertake the extra year.

The meeting adjourned at 4.45 p.m.

John Macdonald

Dean

April 7, 1947.

Minutes of the 403rd meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on April 7, 1947 at 4.00 p.m.

There were present: Dr. Macdonald in the Chair; Professors Johns, Scott, Sheldon, Wyman, Jones, Gordon, Moss, Walker, Owen, Lang, Smith, D.E., Hardy, Healy, Thomas, Keeping, Miller, Collins, Folinsbee, Allan, Whyte, Morrison, Langstroth, Nichols, Tracy, Patrick, Brown, Rowan, Stewart, Gilles, Gowan, Campbell, J.W., Glyde, Cook, Long and Mr. Taylor.

The minutes of the previous meeting were read and approved.

1. Saskatchewan Matriculation

Dr. Macdonald reported that no clear answer could yet be given to the question raised at the last meeting of Council concerning Saskatchewan matriculation. Inquiry had been made of the Registrar in that University. Mr. Taylor reported that one student from Saskatchewan, who was applying here, appeared to be under the impression that she would not have to write examinations in Grade XII. The matter was left in abeyance for the present.

2. Report from Committee on Honors

The Chairman reviewed the circumstances leading to the proposed program in Conservation, the details of which the Honors Committee had been asked to outline. The Committee reported as follows:

(a) It was recommended that such a course should be proceeded with and that it should be described as "Conservation Biology".

(b) Because such a course would involve three departmentx, namely, Zoology, Botany and Soils, the committee did not consider that a three-year B.Sc. pattern would be adequate. Instead, it recommended that a four-year Honors course be established and the following outline was submitted.

__First Year__: Botany 1, Zoology 2, Geology 1, Chemistry 40, English 4.

__Second Year__: Botany 50, Zoology 51 or Zoology 52, Physics 1, Chemistry 42, Maths. 42.

__Third Year__: Botany 53, Zoology 51 or 52, Entomology 41, Biochemistry 50 or Botany 52 or Zoology 55, ~~Biochemistry~~ Bacteriology Jm. 60 or Genetics 51 or Botany 51.

__Fourth Year__: Botany 103, Zoology 56 or 57, Zoology 54 or 55 or Botany 106 or Genetics 51, Soils ~~51 or~~ 41 and 56, Seminar on Conservation project. Jm.

Professor Stewart commented on the omission from the program of an Economics course which he felt was somehow implied in the idea of conservation. Dr. Moss stated that the committee had considered including Political Economy 67 which they felt to be desirable in a program of this kind, but in view of the fact that this course required a pre-requisite, it was omitted as it seemed difficult to include two courses in Political Economy within the conservation program. After some further discussion, the above program was duly approved by Council..

The Chairman mentioned that if it were not possible to insert the outline in the calendar, the course could be given publicity at registration time and students accepted for the first year.

3. __Staff-Student Curriculum Committee__

The Chairman read a letter from Mr. W. Pybus, President of the Students' Union, in which the council was asked to sanction the setting up of a joint committee of staff and students, consisting of the Dean and two other members of the faculty council, along with three student representatives who would be appointed by the Student Council.. The purpose of such a committee would be to deal with questions of curriculum, methods of teaching and other matters that might come up from time to time. Dr. Macdonald stated that some reference had been made in Deans' Council to the possibility of an arrangement for securing student opinion and the Deans had expressed an interest in it and then left it until something specific had been proposed. The matter raised in Mr. Pybus' letter had been already mooted in the General Faculty Council. It appeared that certain faculties, Medicine and Dentistry, had already been doing something informally in this way for some time. General Faculty Council asked the various faculties to consider the matter and suggest any arrangement that might happen to appeal to them as desirable and useful.

Professor Jones expressed doubt as to whether any particular advantage would be gained by establishing such a committee for the faculty of Arts and Science, in view of the widely varied character of programs of study that are offered in that faculty. He felt that there was already enough machinery to deal with any questions or complaints that might arise. The same point of view was expressed by Professor Allan. Professors Stewart and Johns, on the other hand, thought that the idea should be given careful consideration. It was pointed out that issues might arise which would involve several departments or instructors. A committee of this kind could deal with such matters whereas a head of a department or one instructor could not do this so easily. Dr. Cook also supported this point of view and referred to a case in his own experience where, as a matter of fact, such a committee had been the means of drawing attention to a serious omission in the curriculum. After some further discussion, Dr. Rowan moved

> "that the Dean write to Mr. Pybus informing him that the Council had given sympathetic consideration to the matter raised in his letter and that the council suggested that, as a first step, the students might assemble their own committee on the lines indicated in the letter and that this students' committee should arrange to meet with the Dean and confer on matters of a kind indicated in Mr. Pybus' letter and any other matters that such a students' committee cared to bring up; and that after some experience of this arrangement, the Dean should report back to Council as to how it was working."

This motion was seconded by Professor Jones and on being put to a vote was carried.

4. Faculty Relations Committee

The Chairman read a letter from Dr. Shaner, Chairman of the Faculty Relations Committee, asking that a member of this council be appointed to serve on the nominating committee for the purpose of electing two new members to the Faculty Relations Committee. Dr. Rowan nominated Dr. Johns, Dr. Morrison nominated Dr. Wyman and Dr. Gordon moved nominations cease, seconded by Dr. Rowan. Dr. Johns, (who has already served on such a committee) withdrew. Dr. Wyman was then named representative to the nominating committee.

5. Special Case - Dr. Huculuk

Dr. Gordon presented the case of Dr. Huculuk who had completed work for the B.A. degree except for one senior course in which he needed a second class standing. In 1943, a letter from Dean Smith told Dr. Huculak to present an approved extramural course (senior) from some other University and that this Council would consider this course as satisfying the requirements for the degree. Dr. Huculuk now proposes to take such a course at the University of British Columbia. Dr. Gordon moved that he be given credit for such a course and, if he received a second class standing, that he be granted his B.A. degree. The motion was seconded by Dr. Lang and carried.

6. Pre-Medical Course at Mount Royal College

Dr. Macdonald reported that Mount Royal College, which has for some years been giving the first year in B.Sc.,M.D., was placed in a difficult position because of the requirement of Botany 1 in the new first year program. The difficulty was that, at the moment, Mount Royal College, although willing to arrange for the giving of this course had, at the moment, no instructor on the staff who was qualified to do so and was not likely to secure such an instructor in the immediate future. Two arrangements were therefore possible. First, Botany 1 in the first year of the program could be exchanged with Physics 1 in the second year. Mount Royal was equipped to give the Physics course.

This arrangement would mean additional pressure on the Department of Physics here while it would remove immediate pressure from the Department of Botany. The second possibility would be to have the students here take the program as it is laid out while the students at Mount Royal would have to take the Physics 1 in the first year and the Botany in the second. The drawback to this arrangement is the fact that the Pre-Medical course, in the second year especially, is intensely competitive and it is desirable that the students in both institutions should be following precisely the same program. Dr. Langstroth stated that the question of both space and staff was, at the moment, a serious one with his department and if they were able to deal with that between now and September, the Physics department could deal with the extra load.

In reply to a question it was pointed out that the content of the Physics 1 in Mount Royal would be the same as that given here and, as in all other cases, the examination paper would be set here. It was finally agreed to adopt the first alternative and to recommend to General Faculty Council that the Physics 1 and the Botany 1 should be interchanged. The proviso was added that, if Mount Royal could secure the services of a fully qualified Botanist between now and September, the present arrangement would stand.

The meeting adjourned at 5:10 p.m.

John Macdonald

Dean

May 8, 1947

Minutes of the 404th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on May 8, 1947 at 2.00 p.m.

There were present: Dean Macdonald, in the Chair; Professors Lang, Sheldon, Hunter, Allan, Gordon, Sonet, Whyte, Owen, Greene, Strickland, Jones, Stewart, Moss, Thomas, Keeping, Hughes, Collins, Tuba, Brown, Davies, Wyman, Campbell, J.D., Hewetson, Johns, Warren, Scott, Rutherford, Salter, Morrison, Langstroth, Glyde, Gowan, Nichols, Campbell, J.W., Miss Patrick, Miss McIntyre and Mr. Taylor.

The minutes of the previous meeting were read. Dr. Moss pointed out that Biochemistry 60 in the third year of the Conservation Program should read Bacteriology 60. This change was duly noted and the minutes were then approved by Council.

1. The Chairman introduced the question of Physics in the first year of the Pre-Medical course. Physics 1 had been put down in the first year because of the co-requisite of Mathematics 40 with Physics 40. Dr. Langstroth stated that, at a recent meeting of the Department of Physics, it had been decided to drop the co-requisite of Mathematics 40 for Physics 40 for students who needed only one course in Physics and who had Physics of Grade XII. Those students who intended to go on with senior Physics courses would be expected to get their Mathematics 40. Dr. Langstroth moved

> "that Physics 40 be substituted for Physics 1 in the first year of the Pre-Medical course."

This was seconded by Dr. Scott and the motion was carried.

2. Recommendations for Degrees

Dr. Gordon read the report of the Committee on Honors re graduating students.

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The following students were recommended for Honors Degrees:

Chemistry:

Bercov, Bernard - First Class Honors
Lambert, Marguerite Marie T. - First Class Honors
Semeluk, George P. - First Class Honors
Wordie, John Douglas - First Class Honors

Classics:

Hay, Joan Elizabeth - First Class Honors in Classics and Archaeology

Botany:

Burwash, Isobel Victoria - First Class Honors

Modern Languages:

Fraser, Joan Campbell - First Class Honors
Keyte, Eileen Edith M. - First Class Honors
Townsend, Dennis Alfred E. - Second Class Honors

Political Economy:

Lambert, Marcel Joseph Aime - First Class Honors

The Governor General's Gold Medal was awarded to Miss Joan Campbell Fraser

Dr. Gordon moved the adoptions of this report, seconded by Dr. Walker and carried.

Dr. Gordon presented the report of the Revisions Committee re graduating students. The following students were recommended for the degree of Bachelor of Arts:

Baxter, Myrtle P.
Becker, Lucy Jane
Bishop, Ross Porter
Boon, Ivor
Botsford, Frederick G.
Breckon, Donalda I.
Bryant, Harold
Buchanan, Muriel G. (First Class General Standing)
Cameron, Donald F.
Davenport, Marion L.
Dougan, Kenneth B.
Drew, Ruth Cameron
Drummond, Doris Patricia
Edwards, Beth Elinor
Fizzell, Waunita M.

Ford, Thomas R.
Fraser, Allon Winfield
Fraser, Joan C. (First Class Honors in Modern Languages)
Gehrke, Lillian R.
Greenaway, Archibald
Hay, Joan Elizabeth (First Class Honors in Classics and Archaeology)
Hislop, Frederick C.
Hodge, John A.
Holosko, Stella F.
Huberman, Samuel
Johnston, Bessie Boyne
Kelly, William B.
Keyte, Eileen E. (First Class Honors in Modern Languages)
Korella, Karl
Liden, Claire L.
Maclean, Malcolm Serviss
Mitchell, Alta R.
O'Rourke, Margaret
Pritchard, David John S.
Rieger, Bertha Caroline
Ritchie, James B.
Robertson, Mary Katherine (First Class General Standing)
Simpson, Jocelyn R.
Spankie, Jean Beryl
Stanley, Frances J.
Stratton, Joseph J.
Sister Bernadette
Sister Helen Virginia
Taylor, Doris Margaret
Townsend, Dennis (Seconed Class Honors in Modern Languages)
Weir, Marie Edith

The following students have satisfied all requirements for the degree of

Bachelor of Science:

Andrekson, Alexander
Armstrong, William T.
Bailey, Mamie E.
Baker, Donald B.
Beecroft, William H.
Bell, Harold E.
Bercov, Bernard (First Class Honors in Chemistry)
Bertrand, Margaret
Blue, Hugh Allan
Bozzer, Rose
Brown, James A.
Burwash, Isobel (First Class Honors in Botany)
Chamberlain, Joseph S. R.
Chamberlain, Lloyd C.
Collins, Henry Neal
Colter, Donald R.
Cork, Howard F.
Dlin, Barney M.

Downie, Donald M.
Doyle, Patrick J.
Duncan, Neil F.
Elliott, Arthur H.
Estrin, Phyllis
Father Lavoie
Gaudette, Douglas A.
Gibson, George J.
Harris, Roy Henry D.
Heckley, Anita M.
Hein, Samuel
Hollingshead, Gordon W.
Horne, David J.
Howard, Norma M.
Hunter, Margaret (First Class General Standing)
Jardine, Alexander D.
Jones, Sidney E.
Klassen, David
Lambert, Marguerite T. (First Class Honors in Chemistry)
Lindsay, William R.
Lowe, Mary C.
Lutic, Constantine
McCarthy, Theresa M.
McCoy, Ernest E.
McDonald, Donald M.
McKay, William N.
MacLean, Lloyd D.
MacPherson, Lois
Maher, Leonard A.
Melnychuk, Rudolph S.
Mitchell, Clifford A;
Monagle, John E.
Nattress, Ronald J.
Nicol, Archibald J.
Oke, Albert
Ower, Campbell
Paradny, Robert
Paterson, James Larcombe
Penny, Arthur R.
Peck, Gus J.
Pollack, Hymie
Raragosky, John D.
Reidford, Harry K.
Semeluk, George P. (First Class Honors in Chemistry)
Shector, Walter E.
Simla, Joseph
Sherbeck, Leander A.
Simpson, Kenneth M.
Skene, John S.
Streeter, Joseph U.
Suey, Vivian A.
Toupin, Henry M.
Varchol, Marie

Wade, Eunice W.
Wallace, Margaret J.
Wannop, Annie M.
Wesolowski, Mathew J.
Williams, Harold E.
Willox, Jean L.
Wismer, Harry D.
Wordie, John D. (First Class Honors in Chemistry)
Wright, Allen S.

Dr. Gordon moved the adoption of this report and Professor Hewetson seconded the motion. Carried.

The following students failed to meet the requirements for the degree of Bachelor of Arts:

Covey, Janet Esther - lacks two seconds
Dalawrak, Elsie E. - lacks 1 second
Jorre de Saint-Jorre, Maurice A. - three failures
McLaughlin, Margaret E. - Lacks one second
MacRae, Ervin D. - lacks three seconds, one failure
Neilson, Martha Lois - failed History 58
Oswald, Irene B. - failed History 58, lacks two seconds
Rivet, Georgina M. - lacks two seconds
Skeith, Alice Lorraine - lacks one second
Weir, Marguerite E. - lacks two seconds
Wensel, Martha - lacks two seconds

The following students failed to meet the requirements for the degree of Bachelor of Science:

Baker, Bruce L. - lacks four seconds, one failure
Beaudoin, James E. - did not complete second year Medicine
Curtis, Charles R. - failed Psychology 51, Zoology 51
Davies, Donald L. - lacks one second
Evanoff, George - lacks one second, failed Mathematics 44, three subjects not written
Gee, Kenneth H. - failed French 40, lacks one second
Griffin, Gus Maddux - lacks three seconds
Hardin, Esther - lacks one second
Ryan, Blake G. - lacks two seconds
Ryski, Emil V. - lacks three seconds
Sawicki, Robert N. - lacks 1 second
Shelene, Catherin Ethel - lacks two seconds

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Torchinsky, Ethel - lacks two seconds, failed Mathematics 57
Viney, Paul E. - failed Classics in English 50
Whitney, Norman J. - failed Physics 46
Yackulic, Charles A. - failed Chemistry 54, lacks one second

Dr. Gordon moved the adoption of this report, Professor Hewetson seconded it. Carried.

Professor J. D. Campbell presented the Report of the School of Commerce re graduating students. The following students have satisfied the requirements for the degree of Bachelor of Commerce:

Buchanan, Thomas H. (First Class General Standing)
Dalsin, Benjamin I.
Dau, Doris M.
Finn, Patricia (Mrs. F. C.)
Garbutt, George A.
Geddes, Eric
Lambert, Marcel J. A. (First Class Honors Political Economy)
Lyster, Lorna
McLean, Gordon F.
Milner, Robert I.
Prowse, David C.
Roper, Enid

The following students failed to meet the requirements for the degree of Bachelor of Commerce:

Carmichael, J. E. - lacks two seconds

Cunningham, John A. - one failure and lacks two seconds

Lewin, Norman M. - lacks Accounting 53

McEvoy, Frank J. - three failures and lacks three seconds

Melnyk, Alexander - two failures and lacks two seconds

Mundy, Thomas A. - one failure

Switzer, William - one failure and lacks one second

Professor Campbell moved, Professor Hewetson seconded the adoption of this report. Carried.

The School of Commerce also reported that the following prizes were awarded to graduating students:

The T. Eaton Co. Gold Medal - awarded to Marcel Joseph A. Lambert

Hudson's Bay Gold Medal - awarded to T. H. Buchanan

Institute of Chartered Accountants' Prize - awarded to G. A. Garbutt

The following prizes were awarded in the Faculty of Arts and Science

The Gordon Stanley Fife Memorial Prize in History - Mary Katherine Robertson

The Duncan Alexander MacGibbon Prize in Political Economy - Marcel J. A. Lambert

Miss Patrick presented the report of the School of Household Economics. The following students have satisfied the requirements for the degree of Bachelor of Science in Household Economics:

Armbruster, Gertrude D.
Armstrong, Edith M.
Buchan, Phyllis M.
Courtney, Lois M.
Gillespie, Marcia M.
Guild, Gwendolyn M.
Hole, Veran N.
Lipsey, Margaret J.
MacQueen, Margaret A.
MacRae, Teresa P.
Michaluk, Lillian
Nelson, Eileen V.
Puchalik, Sophia K.
Robertson, Jean E.
Rolf, Irma
Ross, Orene J.
Sedgewick, Marjorie P.
Stewart, Margaret L.
Szilagyi, Elizabeth
Thompson, Kathleen E.
Weiser, Mildred H.
Wood, Lorna M.

The following students failed to meet the requirements for the degree of Bachelor of Science in Household Economics:

Carter, Margaret A. - lacks two seconds
Jones, Dorothy - failed Biochemistry - 45%, lacks 2 seconds
McLeod, Marion A. - failed English 66 - 45%
Moran, Kathleen M. - failed Education 460, lacks 2 seconds.

The School of Household Economics reported the following award:

The Prevey Gold Medal - awarded to Phyllis M. Buchan

On the motions of Miss Patrick and Miss McIntyre,the above report was approved by Council.

Professor Salter raised the question of students writing a supplemental in April to try to raise a second. He felt that the instructor should be notified if a student was intending to write a special supplemental in his particular subject. Dr. Macdonald agreed that Professor Salter's point was well taken and the suggestion was duly noted.

In answer to a question from Mr. Taylor, The Chairman stated that undergraduate results were not available in time for this meeting. These would be dealt with when handed in. Although another meeting of Council to deal with these results should actually take place, Dr. Macdonald suggested that this power be granted to the Dean, the Registrar and others concerned. Council agreed to this proposal.

The meeting adjourned at 2.45 p.m.

John Macdonald

Dean

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A meeting of the Faculty of Arts and Science was held in the Senate Chamber on Wednesday, October 8, 1947 at 4:00 P.M. There were present: Dean Macdonald, in the Chair; Messrs. Morrison, Whyte, Smith, D.E., Thomas, Brown, Gordon, Gowan, Healy, Langstroth, Owen, Dunlop, Hardy, Davis, Walker, Miller, Miss Patrick, Miss McIntyre, Miss Duggan, Messrs. Strickland, Moss, Mardiros, Mueller, Ryan, Rowan, Johns, Salter, Campbell, J.W., Cormack, Sheldon, Cook, Allan, and the Registrar.

1. The Chairman stated that Assistant Professor Lewis Thomas had been named successor to Dr. Johns as Secretary to the Faculty and he called upon him to read the minutes of the previous meeting. The minutes were read, approved and signed.

2. The Chairman spoke a few words concerning the sudden death of G. M. Smith, former Dean of this Faculty and Dr. Gordon read the following resolution which, by unanimous vote, it was decided to include in the minutes of the faculty.

> The Council of the Faculty of Arts and Science wishes to record its sense of grievous loss in the sudden death on the night of October 4, 1947, of George Malcolm Smith. Mr. Smith came to the University of Alberta as head of the Department of History in 1931. Before that he had studied in Toronto and, as a Rhodes Scholar, in Oxford. After Oxford, he returned to Toronto and lectured there, both before and after the war of 1914-18, in which he served with distinction. In 1938 he was appointed Dean of this Faculty. In the fall of 1943 he was granted leave of absence to do war work in Ottawa, work for which he was exceptionally well qualified but which, after a few weeks, a nervous breakdown forced him to relinquish. For three years he endured a severe and depressing illness with admirable patience and courage. This term to his own great satisfaction and to the pleasure of all his friends, he returned to the University to give his course on International Affairs since 1871, a subject whose complexities he had long studied with profound understanding and on which he had lectured in many previous sessions with brilliance, fairmindedness, and always with complete freedom from dogmatism and oversimplification. He was not a narrow specialist, but was familiar with the history of many countries and many periods. Keenly aware of the links between political and social history and the history of music, painting and literature, he missed no opportunity of tying subject to subject and of giving shape and coherence to the work of his students.
>
> He was at home and had many friends on both sides of the Atlantic. To these friends, some of them very influential people, he was always ready to appeal on behalf of our best students, many of whom owe much to his kindly offices.

As Dean and as a member, usually as Chairman, of many committees, Professor Smith was a skilful and energetic champion of the best interests of this Faculty. He took administrative work seriously and found pleasure in it. He never grudged time and thought in working out solutions at once practicable and sound. He was not a research man. He often said that three kinds of work were open to a member of a University staff: teaching, administration, research; and that one could scarcely hope to do well in all three. He excelled in two. He made the choice deliberately; and nobody who knew him can doubt that, if he had chosen to avoid administrative duties, he had the ability to do research work of real distinction. One result of the devotion of much of his time to the understanding, enforcement, and improvement of the rules and principles under which a University does its work was that he gave freedom to his colleagues to do research. His students both in Toronto and Alberta, especially his best students, will long remember the teaching of George Smith. We, his colleagues, are grateful for the intelligence and integrity with which he directed the affairs of this Faculty. Those of us who had the good fortune to know him well will cherish the memory of a valued friendship.

3. The following new members of Council were introduced:

Assistant Professor Duggan - Household Economics
Assistant Professor Burchill - Department of History
Assistant Professor Mayo - Department of Political Economy
Assistant Professor Phibbs - Department of Mathematics
Assistant Professor Ryan - Department of English

4. The Chairman made reference to difficulties of accommodation and large classes in the faculty and expressed the hope that, with the graduation of a large class of veterans in April, matters would be considerably eased next session. He made reference also to the particularly difficult task which confronted Dr. Whyte as the time-table representative of this faculty and to the efficient manner in which that task was accomplished.

5. Recommendations for Degrees

The Summer School Revisions Committee report containing recommendations for degrees was read by Dr. D. E. Smith, Chairman of that Committee:

The following students have satisfied all requirements for the B.A. degree:

Beairsto, Russell G.
Grekull, Michael T.
Lieberman, Samuel S.
Loken, Gulbrand
McBride, Irene J.
McLaughlin, Margaret E.
Morris, William R.

October 8, 1947.

For the degree of B.A. continued)

Parkinson, H. G.
Robinson, Richard H.
Solberg, Sverre J.
Sister M. Elizabeth
Shkwarok, Eilliam F.

For the degree of B.Sc.

Beveridge, Alexander J.
Gee, Kenneth H.
McBorman, Albert R.
Purvis, Neil M.
Krezanoski, Walter
Yeats, John L.

Failed to meet requirements for the B.A. degree:

Oswald, Irene B. - lacks one second and must write supplemental in History 58

Failed to meet requirements for the B.Sc. degree:

Evans, Hugh A. lacks one second and must write supplementals in Math 55 and Physics 46

Green, Elbridge E. lacks 3 seconds - it is recommended that he write supplemental in Chemistry 54 and repeat two science courses for seconds.

Yackulic, Charles A. lacks one second

Warke, Ida Gertrude - lacks one second
(B.H.Ec.)

The following students were granted supplementals:

Clemenger, James E. - French 2
Henderson, Jenny L. - French 2
James, Mabel M. - French 2
Kindley, Earl L. - Mathematics 42
McMurtry, Eleanor - Mathematics 40
Russell, Bernard B. - Chemistry 42
Scott, Arthur M. - French 2
Sweryda, Stephen - English 2
Wasylenchuk, Elgin W. - Physics 40

The following student was not granted a supplemental:

Wilson, Harold T. - registered in only one course. Failed French 2 with a mark of 35%

Special Cases

Davies, George L. - passed History 62, Registered in Latin A but evidently did not write examination.

Shackleton, Ernest F. - registered in Physics 46 and Maths 53. Missed both examinations through illness.

Kanal, Romeo - referred to First Year Committee. Failed Maths 40 and did not write final in Latin A.

Dr. Smith moved the adoption of the above report, Dr. Healy seconded, carried.

The Chairman pointed out that these recommendations had already been passed on by General Faculty Council as there would be no further meeting of that Council before the fall Convocation. They were referred back to this Council for confirmation.

Recommendations for degrees as a result of supplemental examinations were read by Dr. Gordon, seconded by Miss Patrick and approved by Council:

The following students have satisfied requirements for the degree of B.A.:

Covey, Janet Esther
James, Jack Wesley
Neilson, Martha Lois
Skeith, Alice Lorraine

The following students have satisfied requirements for the degree of B.Sc.:

Curtis, Charles
Davies, Donald Lyle
Hardin, Esther
Hepburn, Allan Lockwood
Viney, Paul Eli
Whitney, Norman John

The following student has satisfied requirements for the degree of B. Com:

Mundy, Thomas Ainsley

The following students have satisfied requirements for the degree of B.Sc.,H.Ec.:

Jones, Dorothy Cecelia
Moran, Kathleen Marion

6. Request from the Faculty of Law

A letter was read from Professor Bowker of the Faculty of Law in which the Council of the Faculty of Arts and Science was asked whether it would be willing to make Accounting 1 compulsory in the first year of the B.A.,LL.B. course in place of the Science option. The Faculty of Law had already passed a resolution to the effect that this was highly desirable in order to prepare the law students adequately for the course in Legal Accounting which is given in that faculty. If the Faculty of Arts and Science complied with the request, the course in Legal Accounting could be made a more satisfactory and substantial course than it now is.

The Chairman pointed out that certain students were not promoted from the combined course to the Faculty of Law and if these students transferred to the B.A. degree, they would be deficient a Science. He suggested that, if the Council granted the request of the Faculty of Law, such students should be called upon to make good their deficiency.

It was moved by Dr. Hardy

> "that the request from the Faculty of Law be granted, with the qualification that students not promoted to the second year of the combined course should be asked to make up the Science they are deficient."

After some discussion wherein several expressed the opinion that a science should be required in first year Pre-Law, the motion was put to the vote and carried.

7. Observations on Operation of the Patterns

The Chairman made one or two observations on the operation of the new patterns during the past session. He stated that no serious difficulties had occurred in connection with changes from one pattern to another. The Council had, from the beginning, taken the view that it was desirable that such a change at the end of the first year should, if possible, be made without penalty to the student. The number of cases where a change was asked for was not large and if the student had his first year clear, there was no reason why he should not be able to proceed without penalty. It was a question of giving him credit for the additional subject of his first year if his new pattern did not exactly correspond to the old one. In cases, however, where there was a failure in the first year, the only way the deficiency could be made up would be by means of a Summer Session. In this same connection, the Chairman stated that he had been seriously considering whether the Council had been well advised in asking five courses in the final year for both B.A. and B.Sc. instead of the four required under the old regulations. He felt that four courses in the final year would make it possible for a student to carry an extra subject if he so wished or if it were necessary. A reasonably good student, for example, might well carry an extra language in that year. The Chairman invited the Council to think this question over and stated that he would ask a decision on it at the November meeting.

8. Biology 41

The Chairman drew the attention of Council to the fact that in some quarters it was felt that the making of this course compulsory meant that students who had elected Botany 1 or Zoology 1 in their first year would be covering similar ground to that covered in their first year option. It was felt, in short, that there might be undesirable repetition here. He went on to remind the Council that this course, which was the only really new course suggested by the Committee which introduced the pattern system, had been devised for a special purpose. It was intended as a type of Biology course particularly suited to B.A. students. The idea was not so much any further technical or laboratory training but a more general cultural type of course in which the student would learn something of the History of Biological Science, its present status and its implications for modern society.

Dr. Moss stated that there were 90 students taking Biology 41, of whom approximately 65 were B.A. students. Of the 65, 39% took Zoology 1 as their division

C course in their first year, 22% Geology 1, 16% Mathematics, 13% Chemistry, 12% Botany 1. None took Physics. Dr. Moss expressed the belief that B.A. students should not be permitted to take Botany or Zoology in their first year if they were going to be required to take Biology 41 in their second year. He felt that the choice would be restricted to the Physical Sciences or Mathematics because of the overlapping involved. Dr. Rowan stated that the amount of overlapping between Zoology and Biology 41 would not be very great. Dr. Allan stated that the Geology department was suffering from a sudden influx of students into Geology 1 this year because of the Biology 41 requirement in the second year. Dr. D. E. Smith mentioned that a number of students came to him for advice on this matter and he suggested that these people think seriously of leaving Botany and Zoology alone unless they were particularly interested in them. He made the further suggestion that a student who has taken Zoology 1 in the first year could be allowed to take Botany 1 instead of Biology 41 in his second. A similar arrangement could be made with students who took Botany 1 in their first year. The Chairman suggested that he be empowered to appoint a small committee to give this matter consideration between now and the November meeting and see if it would be possible to make a recommendatioh for next year's calendar. It was agreed that this should be done.

9. Matriculation of Students Taking the Physics, Chemistry or Geology Patterns

Dr. Allan suggested that High School students should be notified that those wishing to take Geology or other Physical sciences should matriculate in Physics and Chemistry - not Biology. Physics 40 is required in first year Geology but students without Physics from High School could not take it and had to take Physics 1 instead. The Chairman pointed out that the taking of Physics 1 was merely to clear the Physics requirement and was not regarded as a University credit.

10. Special Cases

(a) R. V. Johnson

This student who was in second year Pre-Law, failed English 53 but had a good record otherwise. It was proposed that he be allowed to enter first year Law and to take English 53 without attendance and write the examination next spring to clear off his year's requirements. Dr. Gordon moved the above, Professor Salter seconded and council approved.

(b) J. K. Johnstone

This student was in second year, B.A. last year and had an excellent record with first class general standing. During the summer he contracted polio and is hospitalized. Dr. Gordon moved that he be allowed to register in three courses and keep up his study in hospital without attending lectures until after Christmas. This was seconded by Dr. Cormack and approved.

(c) Miss A. Irwin

Miss Irwin lacked two seconds for graduation and failed a course in April. Dr. Gordon recommended that she be allowed to repeat English 57 without attendance and write it in the spring along with another course to try to obtain two seconds. This was seconded by Professor Strickland and carried.

(d) Miss Catherine E. Shelene

The Chairman reviewed the case of Miss Shelene. Miss Shelene had been correctly reported by the Revisions Committee as deficient two seconds and the Council had reported her as failing to qualify for her degree. Later on, by a clerical error, Miss Shelene's name was given to the press in the list of those who were clear for graduation. The mistake was not discovered until shortly before Convocation by which time, she had made her own preparations for graduating. Her mother and herself saw the Registrar on the morning of Convocation and protested against the humiliating situation in which the girl was placed. There was no time to summon the

Council or the Revisions Committee. The case was drawn to the attention of the President who, while regretting the error, agreed that it might alleviate matters if the girl were allowed to appear at Convocation on the express understanding that her parchment would not be issued until she had secured the additional second classes. This proposal had been made to the President by the Registrar and Dean Macdonald. This course was adopted. Miss Shelene attempted her two supplementals and in one secured a good second class standing and in the other, a mark of 61%. The Chairman stated that, had that been her situation in the spring, the Revisions Committee would certainly have asked consideration for her.

It was moved by Professor Salter, who stated that in his opinion, there was no real case for insisting upon the extra requirements in the circumstances, that she be granted her degree. This was seconded by Dr. Cormack and carried.

The Chairman asked Council if it wished to consider this matter further but it was agreed that the Council should proceed to the next business.

11. Motion from Departments of Classics and Modern Languages

Dr. Hardy stated that the course, Early Civilization 56, given by both departments, had been suggested for Summer Session instruction. The departments involved felt that, for the purpose of Summer School instruction, the course listed in the calendar should be extended into two courses to be known as Primitive Human Culture 55 and Early Civilization 56. There were two difficulties involved in giving the course as it is at present:

(a) The course as it is covers too much ground to be further compressed for Summer School needs;

(b) A course given by two instructors was impractical for Summer School.

Dr. Hardy suggested that the Director of the Summer Session could be notified regarding the two courses or they could be published in the Summer Session Bulletin but not in the regular calendar. The Chairman pointed out that it would be an irregular proceeding to give a course in the Summer Session without any reference to the course in the ordinary calendar. It might occasion confusion later on. It was agreed to make reference in the calendar to the effect that such courses were available in Summer Session. Dr. D. E. Smith suggested that the number of Early Civilization be changed to distinguish it from the course given in the winter. Dr. Hardy moved:

> "that for the purpose of Summer School instruction, the course now listed as Early Civilization 56 should be extended to make two courses, Primitive Human Culture 55 and Early Civilization 57, both of University calibre."

The motion was seconded by Dr. Owen and carried.

12. The Chairman drew attention to a letter from President Newton, dated April 16, 1947, regarding reprints of scientific papers. The gist of the letter was that in cases where it appeared to be in the public interest that more reprints of an article should be made, than the recognized 100, that the case be dealt with by the Deans in association with a small committee of their own choosing.

13. The Chairman stated that the large number of new courses which had been proposed last session had occasioned comment on the part of the Board of Governors and he suggested that the departments consider very carefully whether a new course is really necessary or whether the need may be met by modifying the content of an old one. He further requested that, as far as possible, all the calendar changes that were contemplated should be brought up and disposed of at the next meeting. For various reasons, it was undesirable to propose any substantial calendar changes later in the session than November.

14. Rhodes Scholarship Members of Council were reminded that applications for the Rhodes Scholarship should be in by November 15 and were asked to circulate that information among the students.

15. Professor Salter moved a vote of thanks to both the Registration Committee and the Time-Table Committee for their successful work this fall. Mr. Taylor thanked Professor Salter and expressed himself as being very pleased to know that the system of class cards instituted this year had received the approval of this council.

The meeting adjourned at 5:25 P.M.

John Macdonald

Chairman

Minutes of the 406th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, November 3, 1947 at 4:00 P.M.

Present: Dean Macdonald, in the Chair; Messrs. Campbell, J.D., Mardiros, Reymes-King, Orchard, Cormack, Gordon, Jones, Ryan, Campbell, J. W., Owen, Lang, Miss Duggan, Miss McIntyre, Miss Patrick, Allan, Folinsbee, Brown, Davis, Smith, D.E., Glyde, Johns, Taylor, Morrison, Miller, Thomas, Mayo, Moss, Walker, Warren, Nichols, Tuba, Cook, Langstroth, Long, Sheldon, Mueller.

The minutes of the previous meeting were read. Dr. Johns suggested that in paragraph 6, "Science they are deficient" be amended to read "C division deficiency". Agreed. Dean Macdonald mentioned that Professor Dunlop's name should be added to the list of new members. Thus amended, the minutes were approved.

1. Number of Courses in Third Year B.A. and B.Sc.

The Dean called for a motion from the floor to decide upon the number of courses in the third year of the B.A. and B.Sc. degrees. It was moved by Dr. Warren, seconded by Dr. Walker:

> "that the number of courses in the third year B.A. and B.Sc. be made four instead of five."

Carried. In answer to a question from Dr. Allan, the Chairman stated that it would not be desirable to have the special A or B course dropped from the B.Sc. patterns ~~no~~ any more than it would be desirable to drop the C division course from the B.A. patterns. He felt that the department concerned should decide the course to be dropped.

2. Transferring to a New Pattern at End of First Year

The Chairman stated that his policy has been to permit change without penalty providing the first year can be cleared. A man transferring from the Chemistry pattern to the Zoology pattern has Mathematics 40 which is not required in the Zoology pattern. Therefore, he is deficient a required course for the Zoology pattern. If Mathematics 40 can be equated to Mathematics 42, an option in the second year of the Zoology pattern, a student is clear. It was agreed that it should be in the hands of the department concerned as to whether the kind of exchange a student can offer is reasonable or whether he is deficient a course. It was agreed, further, that both the departments and the Dean should be consulted with regard to any changes in pattern and that a note to this effect should be put in the calendar.

Dean Macdonald informed department heads that they would be given a list of students registered in the pattern most directly concerned with their respective department and the members of each department would be expected to act as consultants to these students.

3. Biology 41

A committee consisting of Dr. Rowan, Dr. Moss and Dr. Johns, considering the question of Biology 41 in its relation to Botany 1 and Zoology 1,reported that the repetition involved was not likely to be serious and that it was desirable that the present situation should stand for one session at any rate. They considered it undesirable to eliminate Botany and Zoology from the first year.

4. Matriculation for Physics, Chemistry and Geology patterns

The Chairman explained that, although the minutes of the last meeting were correctly reported, he himself had made an error in stating that the taking of Physics 1 by a student in Geology etc., would be to clear matriculation. The calendar states that if matriculation is complete, then Physics 1 counts as an academic credit. For a student admitted with incomplete matriculation, the taking of a "one" course clears matriculation but gives the student no University credit. The difficulty lies in the fact that Physics 2 is not required in the high schools. Two alternatives were open:

(a) Accept Physics 1 in this pattern as sufficient unless a student proposes to go on to another Physics course.

(b) Modify the matriculation to require high school Physics 2 of students planning to proceed to the B.Sc. degree.

Dr. Walker moved, Dr. Warren seconded:

> "that the Dean appoint a committee of three to investigate the matriculation matter in regard to the Physics requirement and the needs of the B.Sc. patterns."

Carried.

5. Calendar Changes

(a) Biochemistry Dr. Tuba mentioned that the Honors Course in Biochemistry should be added to the Arts and Science calendar this year.

(b) Chemistry Dr. Walker moved and Dr. Morrison seconded:

> "that a new course, Chemistry 112, be added to the calendar. This course would be called ' Chemistry of the Carbohydrates' and would consist of three hours lectures, three hours laboratory, half year. The course would be given by Dr. Brown and would be available only to Honors students."

Dr. Walker explained that the course, Chemistry 106, would be left dormant until some future date and would be replaced by Chemistry 112. He further explained that, at present, there was no course in existence which contained the material mentioned above.

Carried.

(c) English

1. Dr. Gordon moved that item 3 in the first year of the English pattern be changed to read "History 2 or 4 or 5";

2. that item 3 in the second year be changed to read "Foreign language (senior) or History or Philosophy".

Professor Jones seconded the motions. Carried.

3. Dr. Gordon moved that English 4 be restricted to students from Agricultural Schools who have not done Grade XII English and that the first year course for all other students should be English 2. It was pointed out that English 2 was a much better course in preparation for senior work.

The motion was seconded by Professor Jones and carried.

(d) Fine Arts

It was moved by Professor Orchard and seconded by Professor Glyde that the Fine Arts pattern for the first year be amended as follows:

> "that whereas formerly the first year followed the Foreign Language and Literature pattern, item 2 of the Fine Arts pattern be amended to read 'a second foreign language or an approved option'.

Carried.

(e) Geology

1. Dr. Allan moved, Dr. Warren seconded:

> "that in the third year of the Geology pattern, item (1) 'Geology 54 or 55, (2) Geology 57 or 58' be changed to read, 'items (1) and (2), Geology 54 and 55 or Geology 57 and 58'.

Carried.

(f) Modern Languages The following new courses were proposed by Dr. Owen and seconded by Dr. Mueller.

1. Russian 51 - three hours. A senior course surveying 19th century Russian Literature; Romanticism, Realism and the influence of the Naturalistic School; social and political background; written and oral work and sight translation. Prerequisite: Russian 40 or the equivalent.
2. Spanish 40 - three hours. An intermediate course in contemporary authors, with a review of grammar, composition and oral work based on the authors read. Prerequisite: Spanish 1 or the equivalent.
3. Spanish 51 - three hours. A senior course covering a study of 19th century and contemporary Spanish literature, composition and oral work. Prerequisite: Spanish 40 or the equivalent.

Carried.

The Chairman pointed out that the new courses in Spanish would be contingent upon obtaining sufficient staff.

(g) Philosophy and Psychology

The following changes in the Honors program in this department were proposed by Dr. D. E. Smith, seconded by Professor Mardiros:

1. Honors in Philosophy with an approved minor subject,
2. Honors in Psychology with an approved minor subject,
3. Honors in Philosophy and Greek.

Students would be required to consult the Department in regard to (a) their choice of group, (b) such special work as may be prescribed in their major subject, (c) the arrangement of a program of sessional studies (lecture courses, seminars, etc.) and (d) optional courses outside the department of Philosophy. In the case of students under (3), the program will be arranged by consultation of the departments of Philosophy and Classics. In addition to final examinations in courses prescribed, students in the final year will be required to write two comprehensive examinations, one of which may take the form of an essay paper.

Carried.

(h) Zoology

The following changes were proposed by Dr. Miller, seconded by Dr. Cormack:

1. Zoology 2 - description to read;
   Animal organization with emphasis on comparative anatomy, histology, parasitology, heredity and evolution.

2. Zoology 3 - to be changed to Zoology 43 - Embryology; an introduction to chordate development, gameto-genesis and development of frog and chick. This course will still be a requirement for second year B.Sc., M.D. and will require Zoology 2 as a pre-requisite.

3. Zoology 53 - General Embryology; the Morphology and Physiology of Animal development.

4. Zoology 104 - a new course called Histology. This course will involve no addition to staff or new equipment. The course will be described as a detailed study of the microscopic structure of tissues and organs. Microtechnique; methods of fixation; sectioning and staining of tissues. Dr. Miller explained that this course was necessary for graduate work.

5. Zoology pattern
   (a) It was moved that Zoology 1 replace Zoology 2 in the first year of the Zoology pattern.

   (b) It was further suggested that it may be desirable to have Entomology and Zoology patterns separated from one another in the calendar. This suggestion was put aside in view of the fact that Professor Strickland was not present.

The above proposals with respect to changes in Zoology were carried.

Dr. Miller asked whether it would not be a proper procedure to have all the courses given in a department listed together in that department, irrespective of the fact that certain courses might be given exclusively to students from another faculty. Some discussion of this proposal took place in the course of which Dr. Allan suggested that this used to be the procedure but that it had been changed at the time when separate calendars were issued for the difference faculties. The change may have had something to do with the paper shortage. The Chairman undertook to look into the matter further.

6. Dr. Gordon requested permission from Council for the English Department to give extra composition drill to weak Freshmen next session. This would not involve a new course but would simply mean a few more hours a week instruction for students who had

difficulty with English. It was suggested that the matter be left until next spring at which time the staff situation would be better known.

7. C Division course for Third Year B. A.

Dean Macdonald raised the question of the C division course for third year B.A. students. It had been the idea of the Committee who submitted the patterns that the third year C course would balance Biology 41 in the second year by offering the same kind of general cultural instruction in the field of Physical Science.

Physics 50 was suggested ~~by Dr. Langstroth~~ as meeting the need. It deals with development of ideas in Physics and is really of the nature of a history of Physics. For students not wanting to make a profession of Physics but who do desire to know a little about it, the course would appear suitable. It was noted, however, that the course called for a prerequisite , Physics 1, and that it would therefore not be available to students who had elected some other Science option in their first year. It was suggested by Dr. Walker that a committee of three be appointed to investigate the whole question of a C division course for third year B.A. students. Dr. Walker, Dr. Cook and Dr. Langstroth were asked to be the members of this committee and to report to the next meeting.

8. Registration of Third Year B.A. and B.Sc.

The Dean requested members of the staff to co-operate in checking registrations of the above students by reading in class a notification to the effect that all students who are in the least doubtful about the correctness of their registration should see the Registrar immediately. Students should also be reminded that they are responsible for the correctness of their registration.

9. Communication from the President

The Chairman drew the attention of members of Council to a letter from President Newton recommending the book "First Year at the University, A Guide to Freshmen" by Bruce Truscott, and quoted a paragraph from the President's letter.

> "This is the excellent little book of which I think I have already told you and which I mentioned in the last paragraph of my introductory letter printed in "Your University 1947". I hope you will take any convenient opportunity for bringing it to the attention of your freshmen as I am sure they would find the reading of it a helpful experience."

10. Dr. Sheldon presented a report from the First Year Committee regarding promotions from first to second year. The report was approved.

11. The Chairman requested members of Council to be prepared to make some specific recommendations regarding the dropping of the fifth subject from the third year of the patterns at the next meeting of the Council.

The meeting adjourned at 5:40 P.M.

John Macdonald

Dean

The 407th meeting of the Council of the Faculty of Arts and Science was held in the Senate Chamber on Monday, December 1, 1947 at 4:00 P.M. Present: Dean Macdonald, in the Chair; Professors Rowan, Lang, Gowan, Owen, Thomas, Moss, Miss Patrick, Miss Duggan, D.E. Smith, Miller, Cook, Strickland, Whyte, Warren, Allan, Mayo, Jones, Tuba, Hardy, Gordon, Salter, Walker, Davis, Brown, Healy, Glyde, Campbell, J.W., Langstroth, Johns, Sheldon, Folinsbee, Stewart and Mr. Taylor.

The minutes of the previous meeting were read. The Chairman called for a seconder to a motion over the name of Dr. W. G. Hardy, made and carried at the October meeting but not recorded as seconded. Dr. Warren agreed to go on record as seconding the motion. On the suggestion of Dr. Langstroth, it was agreed that the minutes should read "Physics 50 was suggested as a suitable third year course for B.A. students". With these amendments, the minutes were approved and signed.

1. B.Sc. Patterns Prescribing Physics 40

A Committee, consisting of Dr. Macdonald, Dr. Langstroth and Dr. Warren reported that, in the B.Sc. patterns, wherever a first course in Physics is called for, students with standing in Physics 2 of Grade XII will take Physics 40 and students without Grade XII Physics will take Physics 1. It was explained that Physics 1 covers very much the same ground as Physics 40 and can be taken without Mathematics. It was pointed out that if a student intended to take further Physics courses, Mathematics 40 would be necessary.

Dr. Warren moved the adoption of this report, Dr. Langstroth seconded.

Dr. Moss asked if this meant that in the second year Physics 40 would be required of anyone with Grade XII Physics. Dr. Langstroth stated that owing to the waiving of the co-requisite of Mathematics 40 with Physics 40, 1 and 40 are now both first year courses - 40 for those with Grade XII Physics and 1 for those without it.

Motion carried.

2. C-Division Course for B.A. Students in Third Year

A Committee consisting of Dr. Langstroth, Dr. Walker and Dr. Cook reported as follows:

(a) It was recommended that the final decision be postponed for a year and that the matter be looked into more carefully before a permanent decision was taken. It was suggested that a committee be appointed to examined the whole question thoroughly. For the coming session, a temporary arrangement should be made.

Dr. Langstroth moved:

> "that for the 1948-49 session, use should be made of existing courses for students in the third year of the Arts patterns, and that a committee should be set up to study the whole question of the most suitable type of science course for B.A. students in their third year."

Dr. Cook seconded the above motion.

After some discussion, in the course of which it was agreed that the committee consist of five or six members to be appointed by the Chairman, Dr. Langstroth's motion was put to the meeting and carried.

(b) Dr. Langstroth stated that the second part of the report consisted only of a list of courses that are available to such students and went on to explain that students with certain prerequisites could take courses listed in Group B while those with no prerequisites would be limited to Group A. From the discussion which followed, it was evident that there was some variety of opinion among members of Council as to the best type of course to offer third year B.A. students. Some members felt that students should be allowed to take a junior science while others expressed the opinion that the taking of a junior course would make the third year a little light now that the number of courses has been reduced to four. It was further suggested that a senior A or B course might be open to third year B.A. students in place of a C course. After some further discussion, it was moved by Dr. Gordon, seconded by Dr. Smith:

"that, as a temporary arrangement for the session 1948-49, in place of the compulsory C division course in the third year of the B.A. patterns, students be permitted to choose any senior option."

Motion carried.

3. Third Year Four-Course Program

The Chairman called for suggestions from departments as to which course would be deleted from the third year of their pattern. The following recommendations were made.

Botany	Items 3 and 4 to be combined to read "an approved C option".
Chemistry	Items 2 and 3 to read - "two approved C options not in same department"
Classics	Items 3 and 4 in third year to be combined.
English	Items 3 and 4 in third year to be combined.
Fine Arts	Third year to now read: "two Fine Arts subjects, a senior option and an approved option".
Geology	Items 3 and 4 to be dropped. One item substituted to read: "one course from Division C".
Mathematics:	Second Year: Item 4 - add "or Chemistry 42". Third Year: Items 3 and 4 changed to read: "(3) a Physics course or a Chemistry course". Political Economy to be deleted.
Philosophy & Psychology	Item 3 to be deleted.
Physics	Items 4 and 5 to be combined to read "an approved option".
Political Economy	Item 3 to read: "one course in a subject taken in the second year".
Zoology	Options listed under items 3 and 4 to be combined. Chemistry 58 to be deleted.

It was moved by Dr. Allan, seconded by Dr. Lang that the above changes be approved by Council.

In answer to a question from Dr. Moss, it was pointed out that the change in the second year of the Mathematics pattern still made a Biology course available.

Motion carried.

Dr. Moss introduced the question of a beginner's language in the third year of the Special Biological pattern, now that the final year consists of only four courses. Dr. Macdonald explained that the possible substitution of a foreign language for a science course in the B.Sc. patterns was sanctioned by General Faculty Council specifically in order that a promising student who might proceed later to the M.Sc. degree would have the opportunity of taking a course in a foreign language. The Chairman felt that it should be at the discretion of the particular department whose pattern is involved to sanction the taking of such a course.

4. Recommendation from Honors Committee

The Chairman stated that the Departments of Physics and Chemistry prescribed German 1 in the first year of the Honors course. However a certain number of students were not permitted to proceed in Honors and in that case their first year was out of step to the extent that they had German 1 instead of English 4. The Committee on Honors considered the question carefully and recommended that in these cases German 1 be accepted instead of English 4. English 4 could be prescribed in the first year for everybody and German 1 in the second, but the departments concerned felt that that would pre-empt the only option Honors students have in the second year and thus felt it should be left open. It was moved by Dr. Walker, seconded by Dr. Campbell:

> "that German 1 be accepted in place of English 4 for students proceeding from first year Honors to the regular pass course."

It was noted that this might apply also to French 1. Motion carried.

It was further noted that in future it will be English 2, not English 4, that will be involved.

5. Revised Program for B.A., B. Com.

The new program for B.A., B. Com. was presented by Dr. Johns, seconded by Professor Stewart.

Proposed Program for B.A., B. Com.

First Year

Political Economy 1
Political Economy 10
English 2 or French 2 or Germ. 2 or Lat. 2
History 2 or 4 or 5
Lab. Science or Maths. 40
Phil. 1 or 2

Second Year

Pol.Ec. 61 or 65 or 68
Senior option
Senior option
Maths. 43
Special Science (Biological)

Third Year

Senior option
Accounting 1
Com. Law 41
Pol. Ec. 61 or 63 or 65 or 68 or 75
Special Science (Physical)

Fourth Year

Maths. 42
Com. Law 51
Accounting 52
Accounting 55
Pol.Ec. 64 or 66

Fifth Year

Accounting 56
History 55 or Phil. 52
Pol.Ec. 64 or 66
Two of Accounting 53, Pol.Ec. 67 or 69

It was stated that the regulations now in the calendar concerning the B.A., B. Com. course would still apply. These are:

1. The B.A. degree is given at the end of the fourth year and the B. Com. at the end of the fifth .
2. Four Arts courses must be passed with second class standing and four Commerce courses also.
3. A 60% average is necessary for promotion from first year to the second.

In answer to a question, Dr. Johns stated that by the time the B.A. degree was conferred, a student would have completed all the necessary requirements for a B.A. degree. The above program was approved.

6. New Courses

A. Geology Dr. Allan presented two new courses for the Faculty of Applied Science which had already been reported to General Faculty Council but which had been referred back to this Council for ratification.

1. Geology 56 Sedimentary Petrology and Stratigraphy (Coal Mining and Petroleum Engineering) 3 hours lectures, 3 hours lab. An introduction to sedimentary petrology, principles of sedimentation, stratigraphy and historical geology.
   Pre-requisites: Geology 32 and 52.
2. Geology 61 Geology of Petroleum, Natural Gas and Coal (Coal Mining and Petroleum Engineering).
   3 hours lectures, 3 hours lab.
   Classification, mode of occurrence and geological characteristics of petroleum, natural gas and coal deposits.
   Pre-requisite: Geology 52.

On being seconded by Dr. Warren, the above courses were approved.

B. Philosophy - change in content

1. Philosophy 4 General Psychology. A course embracing a synthesis of rational psychology and the principal discoveries and theories of modern experimental psychology.
2. Philosophy 56 Modern Scholastic Philosophy. A survey course in the principal branches of scholastic philosophy with special emphasis upon modern social problems. This course is available to education students as a pre-requisite to Education 492.

Dr. Macdonald reported that he had investigated the qualifications of the instructor in St. Joseph's College to deal with this psychological content for Philosophy 4 and the qualifications were satisfactory.

The above courses were proposed by Dr. D. E. Smith, seconded by Dr. Owen. Approved.

C. Political Economy

1. Political Economy 75 - Political Theory. This is a change in number from Political Economy 63. The course consists of a historical survey of political philosophy, especially in the modern period, with a discussion of some of the main problems in the theory of the state with selected readings from the outstanding thinkers, especially since Hobbes.
2. Political Economy 63 - Introduction to Political Science. This is a new course consisting of an introductory study of the democratic constitutional state, with special references to Britain, Canada and the United States. Typical questions treated are constitutions and their amendment, the legislature, the executive, and principles of federalism.

Professor Stewart stated that this new course would be given by Professor Mayo.

3. Change of Title and Content - Political Economy 61 - Canadian Economic and Constitutional Problems. An economic analysis of certain aspects of the Canadian economy - including resources, population, production and trade; the chief constitutional problems, especially as these relate to economic questions and the division of powers between Dominion and provinces.

4. Professor Stewart stated that, at the request of the Faculty of Applied Science and to accommodate students in Irrigation Engineering, the content of Political Economy 68, Economics of Agriculture, may be rearranged so that students can take one-half (one term) as a separate course in Land Economics.

Professor Stewart explained that the number "75" was given to the course in Political Theory because the department was already giving so many courses in the 60's it was necessary to go into the 70's for any new courses. He stated, also, that 75 was a more advanced course than 63. In answer to a question, Professor Mayo stated that the course in Political Theory would deal a little with Aristotle and Plato but that emphasis would be given to theories since the time of Hobbes.

On a motion by Professor Stewart, seconded by Professor Mayo, the above changes were approved.

D. Physics

It was proposed by Dr. Langstroth, seconded by Dr. Lang:

"that Physics 100, Kinetic and Molecular Theories, which is described in the calendar but which has not been given for many years, be replaced by a course of the same number called "Properties of Matter".

The calendar description would read as follows:

Physics 100: Properties of Matter - 2 hours lectures
A study of some of the properties of gases, liquids, and solids, involving such topics as the kinetic theory, the behaviour of fluids, elasticity and heat flow.
Pre-requisites: Two university courses in physics and Maths. 55.

After some discussion, it was decided that probably no administrative difficulty would result from the content but not the number of a course being changed since the course had not been given for almost ten years.

Motion carried.

Dr. Owen mentioned that he wished to bring to the attention of Council that Russian 2 was being re-numbered Russian 40, and so moved. Dr. Moss seconded. Carried.

7. Special Cases

(a) Lillian Guitard: Dr. Gordon presented the case of Miss Guitard who was in second year Law. Miss Guitard had just spent seven weeks in the infirmary and was requesting permission to transfer to third year B.A. as she felt that she could not carry all the courses in second year Law after losing so much time. Dr. Owen seconded. It was agreed that she be allowed to try, provided she did not have to make four seconds.

(b) Doris Brown: Miss Brown requested permission to take two courses in Summer Session and five next winter. These courses were needed to complete the requirements for her degree. In view of her age (36) and the high standard of her work, it was moved by Dr. Owen, seconded by Dr. Johns that she be granted permission to do so. Motion carried.

8. The Chairman called attention to the fact that the deadline for sabbatical leave applications was December 15th.

9. Royal Society of Canada Research Fellowships

The Chairman read the following announcement in connection with these fellowships:

> "Research Fellowships of $1500 each will be awarded in 1948 by the Royal Society of Canada to Canadians who have done advanced work in any branch of Science or Literature. To be eligible for one of these awards, the candidate - except in very special cases, should have obtained the degree of Doctor of Philosophy or its equivalent. Copies of regulations and forms of application may be obtained from the undersigned. Applications and all supporting papers must be in the hands of the Secretary not later than February 1st, 1948. "

10. Mr. Taylor called attention to a Science Scholarship which is to be offered in 1948 and ensuing years by the Royal Institution. Only those candidates will be considered who have been recommended to the Commissioners by Dominion Universities for 1851 Scholarships. Particulars can be obtained from the Registrar.

11. Dr. Miller stated that a great deal of confusion could be eliminated by listing the Entomology and Zoology patterns separately, except for the first yea This would involve the following change in content of the second year of the Zoology pattern: a senior Zoology; Geology 1 or Mathematics 42; Physics 1 or 40; Chemistry 42; special A or B course. It was noted that a similar change would take place in the Entomology pattern, second year.

Dr. Miller moved that the patterns be listed separately after the first year, Professor Strickland seconded. Carried.

The meeting adjourned at 6:00 P.M.

Dean

The 408th meeting of the Council of the Faculty of Arts and Science was held in the Senate Chamber on Monday, March 1, 1948 at 4.00 P.M. There were present: Dr. Macdonald, in the Chair; Professors Owen, Walker, Gordon, Moss, Whyte, Langstroth, Miller, Lang, Mardiros, Miss Duggan, Miss Patrick, Hardy, Mueller, Dunlop, Stewart, Thomas, H.Ed. Smith, Ryan, Tuba, Glyde, Warren, Nichols, Phibbs, Davis, Salter, J.W. Campbell, J.D. Campbell, Cook, Healy, Brown, Morrison, Sheldon, Reymes-King, Johns and Mr. Cairns, Assistant Registrar.

The minutes of the previous meeting were read, approved and signed.

1. Dean Macdonald announced the appointment of a committee to make a recommendation in regard to the fourth course for third year B.A. students. Professors Warren, Cook, Gowan, Harris, Johns and Burchill were asked to act on the committee with Dr. Warren as Chairman, and to present a final report at the November meeting of Council.

2. Faculty Relations Committee

Dean Macdonald called for nominations for a representative from this faculty on the Nominating Committee for the Faculty Relations Committee. Dr. Warren was nominated by Dr. J.W. Campbell and Dr. Miller moved nominations cease. Seconded by Dr. Johns. Dr. Warren was named faculty representative on the nominating committee.

3. Motion Re November Tests

It was moved by Dr. Hardy and seconded by Dr. Owen:

> "that in senior courses, no formal examinations be held in November and no marks for students in such courses be required, and that in first year courses, the mark required by November 15th may be computed by the instructor concerned either by a 'a test or tests or essays' (as now stated in the calendar), or in any way that the instructor may consider satisfactory."

It was made clear that the only calendar modifications involved here were (a) the addition of the Phrase "in any way which the instructor may consider satisfactory", and (b) the proposal that instructors should not hold a formal test in November for which a mark should be reported. The Chairman pointed out that, if the Council passed the motion, it would go as a recommendation to General Faculty Council, which council would no doubt deal with it in one of three ways: (a) reject it; (b) accept it as a ruling for all faculties; (c) sanction it for the Faculty of Arts and Science only. He also added that some difficulty might be encountered in General Faculty Council for the reason that students from other faculties will be attending first year courses such as Chemistry 40 and Mathematics 40 in this faculty. In support of the motion, Dr. Hardy pointed out that, so far as first year languages were concerned, various tests are given in the ordinary course of instruction and there is ample basis for reporting a mark for each individual student. With respect to a formal test for senior courses, he stated that some departments give such a test in November while others do not. The calendar regulation makes it optional. The result is that students have a habit of absenting themselves from classes where tests are not given in order to prepare themselves for such tests as they have to write. Attendance in that week, in other words, becomes irregular. This is also true in the case of first year subjects. Students tend to regard the week as a period for test preparation and for teaching purposes, the period is apt to be lost. Dr. Hardy also stated that, when he himself refrained from setting a senior test in November, students would approach him and request that such a test be given. Dr. Owen expressed himself as in agreement with the motion, more particularly with respect to the matter of attendance at classes during the test week.

The motion was then put to the Council and passed ~~unanimously~~.

4. Mathematics I

Dr. Campbell pointed out that, at present, the Department of Mathematics gives a course, Mathematics A which is intended for students who have not secured their full matriculation in Mathematics. While full matriculation in Mathematics is required of students for the B.A. or B.Sc., students for the B.Ed. degree may enter with matriculation which does not call for both units of Mathematics. These students are not in a position to take Mathematics 40 as their first year course. They should take Mathematics A but as they are fully matriculated for their own faculty, they could be given credit for it. Dr. Campbell moved therefore:

> "that students who are fully matriculated for their own faculty and are required to take Mathematics A instead of Mathematics 40 should be given degree credit for this course under the title of Mathematics I."

This merely brings the practice of the Department of Mathematics into line with what is done in Chemistry and Physics. The motion was seconded by Dr. Cook and carried.

5. Political Science Course

Professor Thomas drew attention to some confusion which might result in Political Economy. He stated that Political Economy 63, which has been a course in Political Theory, has been converted to a course in Political Science. A new course, Political Economy 75 becomes the course in Political Theory. He felt that this could lead to confusion. It might be desirable to retain the number 63 for Political Theory and give some other number to the new course, Political Science. Professor Stewart expressed himself as agreeable to this suggestion and moved:

> "that, notwithstanding prior recommendations, the course in Political Theory be numbered 63 and the course, Introduction to Political Science be numbered 62. "

Seconded by Professor J.D. Campbell. Motion carried.

6. Courses in Spanish

Dr. Owen stated that with regard to Spanish 40 and 51, new courses that were proposed and passed at the December meeting, they would still remain in the calendar, listed as not offered in 1948-49, even though they would not be offered this year. He mentioned that the Board of Governors had not provided the necessary instruction in Spanish. He went on to say that this provided a difficulty for students who had taken Spanish 1 this year and had expected to continue this language. They might have to be permitted to take another "1" language in their second year which they could continue in their third year. The Chairman suggested that, in the circumstances, he had no doubt the Council would be willing to accept any reasonable modification of program.

7. Circulating the Minutes

Dr. Warren asked the Chairman whether the matter of circulating the minutes in advance of the meeting had ever been considered. The Chairman replied that during the 1945-46 session, Professor Salter had brought forward a suggestion of this kind and, at that time, in view of the particularly heavy pressure on his office, he had asked that consideration of this be postponed. Dr. Warren pointed out that the reading of the minutes sometimes occupied a considerable time and moreover, that it was desirable for the departments to have in their possession a copy of the minutes to which they might refer at any time. Dr. Johns suggested that they might be mimeographed in summarized form and given to the departments. Dr. Warren felt, however, that they should be circulated in their complete form and he so moved. The motion was seconded by Professor Salter and carried. The Chairman stated that he would look further into the matter of the extra labour and expense that would be involved in giving effect to the motion.

The meeting adjourned at 5.00 P.M.

John Macdonald

April 5, 1948

Minutes of the 409th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, April 5, 1948. There were present: Dean Macdonald, in the Chair; Professors Gordon, Jones, J.D. Campbell, Wyman, Dunlop, Owen, Walker, Lang, Stewart, Miller, Whyte, Johns, Thomas, Ryan, Mueller, Morrison, Davis, D.E. Smith, J. W. Campbell, Salter, Sheldon, Moss, Collins, Folinsbee, Tuba, Miss Patrick, Miss Duggan and Mr. Taylor.

The circulated minutes of the 408th meeting were read and approved. The Chairman stated that, in future, the minutes would be sent to every member of Council rather than to heads of departments only, as the extra expense and labour involved were negligible.

1. The Chairman informed Council that the first part of Dr. Hardy's motion made at the last meeting of this Council had not been approved by General Faculty Council. The second part, dealing with November tests, was accepted. The only stipulation was to the effect that, if a return were made, it should be made on some kind of tangible basis to which reference can be made if necessary, and not on a purely personal impression.

2. Rehabilitation Students in Summer Session Courses

The question arising under this heading concerned certain students who had already taken the B.Ed. degree and were interested in qualifying for a B.Sc. The standing arrangement, which was sanctioned by the Faculty a number of years ago, calls for an additional six senior courses, with four second class standings, in the case of a student proposing to add a B.Sc. or B.A. to the B.Ed. or vice versa. If the B.Ed. student's matriculation was not complete for the Faculty of Arts and Science, seven courses are required. The requirement could be met by attending summer session after a full five-course program in the winter session.

This would require permission of Council as the calendar lays down that five courses should be normally regarded as the maximum to be taken in a single calendar year, from September to August.

In answer to a question from Dr. Owen, the Chairman stated that the ruling restricting the number of courses had originally been made to prevent students from using the Summer Session to expedite unduly the obtaining of a degree.

Dr. Walker moved

> "that in the case of a person taking a second degree in this faculty and lacking two courses to complete requirements, he should be allowed to register in the Summer Session in spite of having done a full year's work."

Seconded by Dr. Owen. Dr. Walker agreed to include civilian students in this motion.

Professor Jones expressed the opinion that the regulation as it stands is a sound one. He moved an amendment to Dr. Walker's motion to the effect that this concession should be limited to veteran students. Seconded by Dr. Johns.

It was pointed out that previous preparation for Summer Session students is necessary and it was felt by some members that students already in attendance at the winter session were hardly in a position to do justice to this previous preparation and thus may tend to hinder the progress of the rest of the class, lowering the standard of the course. The Chairman stated, in answer to a question, that, if a student were lacking one course for graduation, he would normally be given permission to take one course in the Summer Session.

Dr. Moss suggested that the amendment should include teachers as well as veterans, but it was felt that teachers are already given several concessions and that the ruling as it now stands could cover special cases. On being put to the vote, the amendment was carried.

3. Summer Session Courses preceding Winter Courses

The Chairman outlined the case of a few teachers with seven courses left to finish their first degree. Some of them were asking permission to take two courses in the Summer Session and follow them by one winter session. Their schoolboards appeared to be willing to give them leave of absence for one year if this permission were granted. The Chairman read the statement in the calendar prescribing attendance at one winter's session at least, but permitting certified teachers with teaching experience to proceed by summer sessions only. At the same time, it is desirable that teachers should attend a winter session if possible. The question was whether this constituted a breach of the regulation prescribing a maximum of five courses in one year.

Dr. Smith pointed out that another group of people was involved in the same difficulty, namely, those people who were being given leave of absence, with or without pay, from the armed services to take further training. He didn't think it would be possible to frame a motion to cover all the groups involved and suggested the calendar regulation be left as it is and special cases be dealt with on their merits. Dr. Johns suggested that a summer session followed by a winter session would be better than the other way around as students would not be in attendance while preparing for summer courses.

Dr. Owen moved that the teachers' request be granted. Seconded by Dr. Morrison.

Professor Salter suggested that, in his opinion, the proposal was not really out of line with the present calendar statement which refers specifically to the period September 1st to August 31st as constituting a calendar year within which the limited number of subjects should be taken. The restriction to five subjects in twelve months had not been enforced in the past in the case of students who took the Summer School courses before entering upon the winter session.

As this appeared a reasonable interpretation of the calendar statement, it was suggested that Dr. Owen might withdraw his motion as unnecessary. The Chairman stated that he had been concerned to have a clear understanding as to the meaning of the calendar statement in question .

4. Number of Courses permitted in Summer Session

Arising out of the above discussion, a question was asked by Professor Salter concerning the maximum number of courses that a student was permitted to take in the Summer Session. He recalled that a student last summer had informed him that he was taking four courses. The Chairman stated that the normal registration was two courses. Three courses might be permitted in the case of a student who had only three courses left to complete his degree and whose record up to that point was good. Four courses were out of the question. Professor Dunlop suggested that it would only have appeared to occur in a case where half courses and not full courses were involved. The Chairman suggested that Professor Dunlop might investigate the case to which Professor Salter referred. In the same connection Miss Patrick drew attention to the regulation in the present Summer Session Bulletin to the effect that a student could only take one course if a laboratory was involved. The Chairman remarked that he had no recollection of such a ruling having been made or sanctioned by this council and that he would enquire further into it.

5. Final Examination Returns

Chairman reminded Council, especially new members, that students should be given no information of their standing except through official channels, as experience had shown that embarrassment to the administration and to the instructors themselves could result from giving out any advance information. Further, last year the General Faculty Coundil had recommended that departments should deal first with the returns of students in the graduating class and there was even more reason for doing so this spring. While this might mean in some cases the rather unsatisfactory proceeding of pulling out those papers and dealing with them separately, it appeared to be necessary in view of the very large number of prospective graduates this spring. Mr. Taylor asked Council to remember also that all returns should be in percentages. He went on to say that the final date set for returns for graduating students was May 3rd. He stated that, as far as is possible, the Registrar's office had marked the letter "g" opposite the names of those who are coming up for graduation and that the marks for these students were the ones that were particularly needed by May 3rd.

The meeting adjourned at 5.00 P.M.

John Macdonald

Dean

May 13, 1948

Minutes of the 410th meeting of the the Council of the Faculty of Arts and Science held in the Senate Chamber on Thursday, May 13 at 9.00 A.M.

Present were: Dean Macdonald in the Chair; Professors Gordon, Whyte, Campbell, J.D., Mardiros, Strickland, Miss McIntyre, Miss Duggan, Warren, Owen, Tuba, H.E. Smith, Burchill, Rutherford, Moss, Collins, Thomas, Cook, Folinsbee, D.E. Smith, Jones, Morrison, Glyde, Harris, Davis, Lang, Mueller, Johns, Allan, Scott, Gowan, Wyman, Sheldon, Campbell, J.W., Langstroth, Salter, Walker, Sandin, Stewart, Rowan and Mr. Taylor.

The minutes of the previous meeting were read and approved.

1. The Chairman pointed out a technical irregularity in the last minutes, namely, that in No. 2, Registration of Rehabilitation Students in Summer School, only the amendment to the motion had been voted upon. The motion as amended was now put to the vote and carried.

2. The Chairman mentioned that the student whom Professor Salter had reported as having taken four courses in the Summer Session had actually only been taking three, and this with permission as he needed only three courses to complete requirements for his degree in Education. He had a good record and successfully completed his three courses. The Chairman remarked that three courses in a Summer Session was definitely exceptional and the student had to have a good record behind him before being permitted to take three.

3. The question raised by Miss Patrick at the April meeting of Council concerning a laboratory courses preventing a student from taking more than one courses in a summer session was investigated by Dr. Macdonald who reported that this question should be raised in the Council ~~by the beginning of~~ next September as he had been unable to find any authority for it.

4. Pre-requisite for Chemistry 52

The Chairman stated that the Department of Chemistry had recommended that the pre-requisites for Chemistry 52 be changed to read as follows:

Prerequisite: Chemistry 42

Prerequisite or Corequisite: Chemistry 54, Chemistry 58.

As this change did not affect any other department, there was no reason why it should not go into effect and the change be noted in the 1948-49 calendar. This was agreed to. Dr. Walker stated that so far as the Chemistry pattern is concerned, students would be able to take the course with no trouble as they would automatically have the proper pre-requisites. The Chairman agreed to control registration in the fall to conform to this new ruling.

5. Psychology 58 in B.Sc. Patterns

It was pointed out by the Chairman that, among the B.A. options offered to B.Sc. students, there is no Psychology. That had been deliberate when the options were devised. The Chairman felt, at that time, that Psychology 58 was a rather technical and scientific course. However, Psychology 58 has turned out to be a much broader and more human course than, for instance, Psychology 59 which is the scientific course. He asked Council to approve registration of B.Sc. students in Psychology 58 if they so wished. He stated, also, that some students are going into Medicine by the B.Sc. route and Psychology is prescribed for Pre-Medicine. It was moved by Dr. D.E. Smith, seconded by Dr. Walker that Psychology 58 be open to B.Sc. students. Motion carried.

6. Universities Quarterly

The President asked the Chairman to draw the attention of Council to this Journal which is a very interesting one and a copy of which comes to the Library. The publishers, however, were looking for subscribers all over the British Commonwealth. The Chairman mentioned that particulars could be obtained from Miss Sherlock.

7. Lady Davis Fellowships

The Chairman stated that the Lady Davis Federation is prepared to provide money for any department or faculty in a University that is particularly anxious to bring out a scholar from Europe. The Chairman suggested that, if any members of Council wished further particulars, these could be obtained from his office. He felt that there might be some European scholar in whom a department might be interested.

8. Summer Session Revisions Committee

The Chairman mentioned that, heretofore, he has been empowered to appoint a Summer Session Revisions Committee and asked approval of Council to be so empowered again. Agreed.

9. Recommendations for Degrees

Dr. Gordon read the report of the Committee on Honors re graduating students. The following students were recommended for Honors Degrees:

Chemistry — First Class Honors

Brown, Raymond Russell
Coffin, Edwin L.
Fasman, Gerald D.
Fraser, Margaret S.
MacKenzie, Agnes Niven
Melby, Lester Russell
Perkins, Joyce Vivienne
Weir, Elizabeth M.

History — First Class Honors

Hardy, George Evan

Mathematics — First Class Honors

Whitney, Eoin Laird

Second Class Honors

Boon, Lorna
Comer, Harold E.
Dalsin, Gordon F.
Roberts, Marion Lois

Modern Languages Second Class Honors

Anderson, Jean
Donis, Lydia
Yule, Georgina

Physics First Class Honors

Greenberg, Leonard H.
Heiberg, Severin A.

Second Class Honors

Erdman, Karl L.
Terentiuk, Frederick
Wahl, Herbert E.

Political Economy Second Class Honors

Frederking, Reinhard

The Governor General's Gold Medal was awarded to Eoin Laird Whitney.

Dr. Gordon moved the adoption of this report, Dr. Walker seconded.

Carried.

Dr. Gordon presented the report of the Revisions Committee re graduating students. The following students were recommended for the degree of Bachelor of Arts:

Alton, Nancy Susan
Anderson, Jean - second class Honors in Moderns
Ashley, Doris L.
Atkinson, Shirley K.
Ballachey, John M.
Barnecut, Etta M.
Brady, Brian
Byrne, Francis T.
Campbell, Mary Jean
Carter, Alice Elizabeth
Chubb, Frank H.
Cocks, Gladys I.
Coons, Wesley H.
Corbett, Rhona R.
Coughlan, John W.
Crockett, Enid I.
Crowle, Wesley E.
Dalawrak, Elsie Emelia
Davidson, Barbara F.
Davidson, Marjorie E.
Dawson, Norman A.
Day, Mary J.
Donis, Lydia A. - second class Honors in Moderns
Ferguson, Crawford
Fetherston, Charles R.
Forbes, Margaret Elaine
Gagnon, Lorraine M.
Galbraith, Jean K.
Gibb, Price J.
Gillies, Angus M.
Gish, Mary Madeline
Glauser, Enid M.
Goerzen, Jacob
Gordon, Richard Laurence
Graham, Elizabeth Jean
Guitard, Lillian
Halton, Ernest G.
Hardy, George Evan - first class Honors in History
Herlihy, Horace M.
Hill, Lois
Hooks, Shirley J.
Hopkins, John T.
Hurlburt, William H.
Irving, Howard L.
Irwin, Aileen J.
Istvanffy, Daniel I.

Johnson, Albert V.
Jackson, Sheila G.
Jorre de St. Jorre, Maurice
Judge, Robert M.
Karashowsky, Wolodymyr
Kitchen, Frances
Kroetsch, Robert P.
Lilly, Helen F.
McAdam, Kathleen R.
McAfee, Norman H.
McDermott, Francis G.
MacDonald, Audrey L.
McKenzie, McQuarrie B.
Manning, Elizabeth
Markle, Alexander G.
Meiklejohn, Margaret A.
Murray, Gilbert Colin
Nicoll, Ian N.
Olstead, Margerty R.
Oswald, Irene B.
Peters, Doris T.
Pritchard, Blakely M.
Pritchard, James M.
Ragg, Elizabeth M.

Randers, Carla M.
Richardson, Mildred J.
Rostaing, Andre J.
Singer, Walter L.
Smith, Norman R.
Soley, Robert L.
Spady, Irene C.
Starritt, Jack O.
Strong, Mavis V.
Thomson, Dale Cairns
Toohey, Catherine L.
Tournay, Shirley A.
Vallance, Peter S.
Verge, Margaret Joy
Walker, Ailsa H.
Warner, Daniel H.
Weekes, Harold V.
Weir, Marguerite E.
Welycochy, John
Wildman, Pamela J.
Woods, James S;
Wotherspoon, Peter C.
Yule, Georgina E. - second class Honors in Moderns

The following students are recommended for the degree of Bachelor of Science:

Ainscough, George A. - first class standing
Airth, Robert L.
Andrews, Peter
Bailey, Ralph F.
Baker, Eric J.
Barnes, William N.
Batty, Bertha F.
Bellows, Joyce E. - first class standing
Blayney, Alan
Boon, Lorna I. - second class Honors in Mathematics
Boettcher, Ernest M.
Boyar, Theodore W.
Brown, Raymond Russell - first class Honors in Chemistry
Bryant, Keith N. - first class standing
Bullock, David B.
Casselman, Frances C.
Chalmers, James M.
Chornopysky, Oleh J.
Clark, Roy F.
Clow, William H.
Cockeram, Celia H.
Coffin, Edwin L. - first class Honors in Chemistry

Comer, Harold E. - second class Honors in Mathematics
Cox, William L.
Cross, Donna M.
Dalsin, Gordon F. - second class Honors in Mathematics
Day, John H.
Dickson, Mary E.
Dixon, Russell A.
Dumaine, Leo D.
Eamer, Arthur L.
Edwards, Alan M.
England, Harold H.
Esdale, William
Erdman, Karl L. - second class Honors in Physics
Fair, John W.
Fasman, Gerald D. - first class Honors in Chemistry
Ferguson, William F.
Fong, Amy
Fong, George
Fraser, Margaret S. - first class Honors in Chemistry
Fryett, Garth
Garden, Charles
Gee, Donald W.

Gibson, Alfred G.
Gilmour, William M.
Glen, Lorna D.
Goelman, Leo
Gore-Hickman, Francis G.
Goresky, Walter
Greenberg, Leonard H. - first class Honors in Physics
Griffith, Allan F.
Gunn, Ian M.
Gushaty, Metro
Hantho, John A.
Harris, Millan D.
Hatfield, Clinton B. - first class standing
Hay, Ralph L. - first class standing
Heck, Gordon A. - first class standing
Heiberg, Annie S.
Heiberg, Severin A. - first class Honors in Physics
Henderson, James D.
Hisaoka, Kenneth K.
Hnatko, Stephen
Hoare, Robert
Holbrook, Rodney K.
Holley, Donald A.
Holubitsky, Wolodymyr H. - first class standing
Hunka, Daniel
Jegard, Maurice R.
Jenkins, Eunice K.
Kelly, Donald J.
Koroluk, Esther E.
Kjos, Alice K.
Larson, Burns J.
Lencbucha, Joseph W.
Lesley, Stanley M.
Lipsett, Lloyd R.
Little, Melvin W.
Lozeron, Paul
McCaskie, Hazel M. - first class standing
McCullagh, Charles F.
McCormick, Evelyn V.
McCormick, Ross F.
McDonald, Richard
McDonough, Audrey M.
McFarlane, George H.
McGhee, Edith E.
McKay, Malcolm A.
McKenzie, Agnes N. - first class Honors in Chemistry
McLaws, Islay J.
McLean, Ernest A.
McLeod, William D.
Mallabone, James E.
Mallett, Lawrence L.
Marfleet, Frederic C.
Mason, John T. - 1st class standing
Meiklejohn, Percy A.
Melby, Lester Russell - first class Honors in Chemistry
Miller, Lloyd A.
Minchin, John A.
Mitchell, Robert A.
Moore, Bernice E.
Mulloy, William H.
Nelson, Aasel L.
Nishimoto, Susie G.
O'Brien, Fred. F.
Oldaker, Richard B.
Oswald, Arthur J.
Oxland, Olive M.
Pallister, Alfred E.
Parry, Douglas H.
Patterson, Richard E.
Patterson, Shirley
Perkins, Joyce V. - 1st class Honors, Chem.
Petrie, Charles A.
Powlan, Roy Y.
Racette, Paul C. - 1st class standing
Roberts, Marion L. - 2nd class Honors in Mathematics
Richards, Albert G.
Roe, Aubrey D.
Russell, John G.
Sackville, George A.
Schooling, Lois R.
Scott, Kenneth W.
Scruggs, Gordon G.
Settle, John R.
Sherbaniuk, Richard W.
Shier, Donald M.
Shnitka, Theodor K.
Siluch, Kezie A.
Skwarok, Romeo L.
Smith, Norman B.
Sollanych, Violet
Stevenson, Isabella C.
Stewart, Robert W.
Taylor, Robert N.
Templeton, Charles W.
Terentiuk, Fred. - 2nd class Honors, Physics
Thompson, James W.
Thorogood, Iris - 1st class general standig
Tiffin, Harold B.
Wahl, Herbert E. - 2nd class Honors, Physics
Walker, Alvin
Ward, John C.
Warshawski, Edward
Weir, Elizabeth M. - 1st class Honors, Chem
Whitney, Eoin L. - 1st class Honors, Maths.
Williams Floyd G.

Dr. Gordon moved the adoption of this part of the report, Dr. Cook seconded.

Carried.

The following students failed to meet requirements for the B.A. degree:

Baker, Milton V. - two failures, lacks two seconds
Bronson, Harold E. - two failures
Brundage, Donald H. - one failure, lacks two seconds
Carter, Ernest L. - lacks four seconds
Cary, Sheila - lacks two seconds
Chard, Robert - lacks two seconds
Chubb, Roy C. - one failure, lacks two seconds
Clemenger, James E. - one failure, lacks two seconds
Gooderham, George K. - one failure, lacks one second
Hart, Eileen - one failure, lacks two seconds
Heffernan, Jerry - one failure, lacks two seconds
Hicks, Donald F. - two failures, lacks one second
Hughes, Mary M. - lacks two seconds
Lister, John D. - lacks three seconds
McCullough, Noreen M. - lacks one second, one failure
McEachern, Kenneth L. - lacks two seconds
McKenzie, Donald A. -lacks two seconds
Reggin, John L. - one failure
Rhodes, Henry C. - one failure
Schilke, Richard - one failure
Tilleman, Paul D. - four failures, lacks three seconds
Totten, Donald E. - three failures, lacks four seconds
Walton, William B. - one failure, lacks two seconds
Wilson, Donald E. - one failure, lacks one second

The following students failed to meet requirements for the B.Sc. degree:

Agnew, Hinds - two failures, lacks two seconds
Bain, Mary E. - failed Maths 57 - 41%
Baker, Bruce L. - lacks one second
Bartley, Norman H. - three failures, lacks three seconds
Binou, Robert L. - three failures, lacks two seconds
Bissell, Erwin W. - one failure in Medicine
Blayney, Edwin B. - two failures in Medicine
Boyse, Arthur N. - lacks one seconds
Burton, John T. - lacks one second
Carter, Ruth E. - lacks three seconds
Connolly, William D. - lacks two seconds
Conroy, Catherine R. - lacks two seconds
Cornett-Ching, Fred - two failures, lacks two seconds
D&Arcy, Dale G. - one failure, lacks two seconds
Dinzey, Rosalie M. - one failure, weak record
Ellison, Albert H. - one failure, lacks two seconds
English, John J. - one failure, lacks one second
Evans, Hubert A. - lacks one second, weak record
Gariepy, Roger V. - two failures, lacks two seconds
Ginsberg, Albert B. - one failure
Gould, Ray G. - lacks two seconds

Failed B.Sc. continued

Haddow, Thomas A. - one failure, lacks two seconds
Hall, Donald H. - one failure - may graduate with 2nd class honors in Physics if he obtains 65% on supplemental.
Hovan, Norman A. - one failure in Medicine
Huckell, John R. - lacks one second, weak record
Hurlburt, Robert G. - three failures, lacks four seconds
Kowalchuk, Eileen - one failure, lacks one second
Kreutz, Donald M. - one failure in Medicine
Lerner, Irving - three failures in Medicine
Leslie, Gordon A. - two failures, lacks two seconds
Lipsett, Earl - lacks one second
Logan, Douglas W. - lacks two seconds
McBride, Roderick D. - three failures, lacks one second
McCaffrey, Richard J. - two failures, lacks four seconds
McConnell, Fred - lacks one second
McCullough, Glenn W. - one failure, lacks one second
McCullough, Ross D. - one failure, lacks three seconds
MacIntosh, Charles S. - lacks three seconds
Maxwell, Brian E. - lacks one second
Moore, Donald W. - lacks one second, one failure
Moore, James W. - lacks one second
Murray, Frances E. - two failures, lacks three seconds
Nordlund, Lloyd H. - one failure, lacks one second
Peterson, G. W. - lacks four seconds
Porter, Robert J. - one failure, lacks three seconds
Poushinsky, Anatole - one failure, lacks two seconds
Rowe, Arthur L. - one failure, lacks four seconds
Ryah, Blake G. - lacks one second
Ryski, Emil V. - lacks three seconds
Scott, Norman F. - lacks two seconds
Shouldice, David H. - lacks one second,
Sigal, Simon J. - one failure, lacks one second
Stemp, William H. - lacks three seconds
Stewart, Donald O. - one failure, lacks two seconds
Stewart, Mervin D. - one failure, lacks two seconds
Stretton, Herbert W. - one failure, lacks two seconds
Sturrock, John K. - lacks one second
Tyler, William G. - one failure, lacks four seconds
Van Tighem, Francis T. - lacks one second
Watson, Robert H. - three failures, lacks two seconds
Wiles, R. William - one failure, lacks one second
Young, Ira L. - three failures in Medicine

Dr. Gordon moved the adoption of this report, Dr. Cook seconded, carried.

Dr. Gordon asked Council to approve aegrotat standing in Russian 40 for Sheila Gray Jackson who had been ill for the examination. Seconded by Dr. Owen. Carried.

The Report of the School of Commerce was presented by Professor J. D. Campbell. The following students were recommended for the degree of Bachelor of Commerce:

Adams, David A.
Belzberg, Sam
Bland, Charles H.
Bradshaw, David C. E.
Brandell, Donald L.
Bricker, Reuben
Buchanan, Donald G.
Burrington, Gilbert G.
Camp, George W.
Clarke, Douglas
Caskey, James G.
Collins, John J.
Coutts, William S.
Cunningham, John A.
Darling, George W.
DeTro, Charles T.
Devonshire, Mervin S. - 1st class standing, 1st class general standing
Dunaway, Ian W.
Edwards, John A.
Fefferman, Harry L.
Finn, Francis C.
Fish, James R.
Frederking, Reinhard E. - 2nd class Honors in Political Economy
Gower, Donald A.
Gray, Duncan C.
Gunderson, John G.
Hagen, Olaf W.
Halford, Thomas G. - 1st class general standing
Hartling, George P.
Haughian, Francis E.
Hay, George A.
Heney, Michael J.
Hill, Robert O.
Hood, Gordon F.
Humphreys, Thomas C.
Jones, Robert L.
Klimove, Morris
Knowler, Albert S.
Krinke, Keith H.
Lakusta, Thomas E.
Lindskog, Harry V.
Logan, Gordon J.
Losie, Edith L.
Lutz, John E.
McBride, Jeanmary B.
MacDonald, Stanley
Mair, Frank J.
Mark, Victor F.
Maynard, Arthur R.
Minchin, Daniel H.
Moreau, George S.
Muirhead, Alex.
Nelson, Kenneth L.
Oberhoffner, Julius G.
Park, Harold
Potter, Richard E.
Powell, Norman F.
Prowse, Hubert S.
Redmond, Nellie
Rich, James M.
Robertson, David S.
Robinson, Gerald J.
Schonert, Ralph
Snowball, James W.
Soley, Richard O.
Stilling, Ernest C.
Sutherland, George W.
Thomson, William G.
Tyler, Frederick H.
Urton, Robert A.
Ward, Harold W.
Watson, Victor B.
Way, James L.
Welsh, William D.
Wheeler, Arthur M.
Williams, Gordon G.
Wilson, James F.
Weight, Lloyd C.
Yusak, William

The following students failed to meet the requirements for the Bachelor of Commerce degree:

Anderson, Jarvis M. - one failure - Acctg. 53
Burton, Gordon R. - lacks one second
Dickie, William D. - one failure
Finley, Joseph - one failure, lacks two seconds
Fulton, Gregory B. - failed two, lacks two seconds
Hyde, John E. - one failure, lacks one second
Klein Hymie - lacks one second
Long, Gordon S. - lacks two seconds
McEvoy, Frank J. - lacks one second
Margolus, Burton - failed one.
Morgan, John H. - lacks two seconds
Rollins, Samuel B. - two failures
Skirten, Herbert W. - lacks two seconds
Strother, Robert - lacks one second
Wells, Donald J. - lacks two seconds
Wilson, Kenneth N. - one failure, lacks one second

Professor Campbell moved, Professor Stewart seconded that the above report be adopted. Carried.

The School of Commerce also reported that the following prizes were awarded to graduating students:

The T. Eaton Co. Gold Medal - awarded to Thomas Halford
Hudson Bay Co. Gold Medal - awarded to Mervin S. Devonshire
Winspear Hamilton & Anderson scholarship - awarded to:
first year - Jean Robson
second year - D. M. Wilson
Institute of Chartered Accountants' Prize - awarded to Thomas Halford

Advertising Scholarship: - awarded to Vernon Millard

The following prizes were awarded to graduating students in Arts and Sciences:

The Duncan Alexander MacGibbon Gold Medal in Political Economy - awarded to Reinhard Frederking

The Gordon Stanley Fife Memorial Prize in History - awarded to William H. Hurlburt

The Governor General's Gold Medal - awarded to Eoin Laird Whitney

The Report of the School of Household Economics was presented by Miss McIntyre.

The following students were recommended for the degree of B.Sc. in Household Economics:

Armstrong, Dorothy M.
Bleakley, Wilma Elizabeth
Brown, Norah Marion
Brunsdale, Ila Lucille
Carter, Margaret Agnes
Carver, Doris Elaine
Castelli, Maria
Dawson, Joan Doreen
Dundas, Jessie Audrey
Ferry, Margaret Jean
Fitch, Phyllis Jean
Harris, Eleanor M. Betty
Johnson, Laura Hattie
Law, Dorothy Burnette
Lister, Joyce Gertrude
McCutcheon, June Lenore
McElhinney, Bernice Lucille
Michie, Mona Jean
Puchalik, Anne
Puchalik, Katherine
Sinclair, Marjorie Mabel
Smith, Norma Adelaide
Tanner, Edna Beth
Veronneau, Marilyn Victoria
Wiese, Amy Lavina
Woytkiw, Laurine Olga

Recommended for the degree of B. H. Ec.:

Edwards, Margaret Irene
Kowalski, Nora May
Wasiuta, Lillian P.

The following students failed to meet the requirements for the degree of B.Sc. in House Ec.:

Abell, Treva V. - failed English 57
Armstrong, Joan - failed English 57
Bell, Elizabeth J. - lacks three seconds
Radford, Lois C. - failed English 57
Steffenson, Arlene C. - failed Philosophy 52

Failed to meet requirements for B. H. Ec.:

Murray, Catherine R. - lacks two seconds

The School of Household Economics reported the following award:

The Prevey Gold Medal - awarded to Jessie Audrey Dundas

The Chairman reported that the Tory Bursary had not yet been awarded but asked Council's approval of the award being made to a man to be selected by the Faculty of Arts and Science and Faculty of Education. The name would then go forward to General Faculty Council. Agreed.

10. Second Year Results

The Chairman reminded Council that last year it was left to the Revisions Committee in consultation with the Registrar to decide on second year rulings. It was agreed that this procedure should be adopted again this session.

11. Nuffield Foundation

It was reported that three travelling fellowships in Social Sciences and the Humanities are being offered by this Foundation. Candidates must be of Canadian nationality and must have attained the standard of the Ph.D. degree. For further details, members of Council were asked to see the Dean.

12. Dowling Memorial Prize in Geology

Dr. Allan reported that this prize was listed incorrectly in the calendar. The department wished to have "final year" changed to read "third year" so that it would not be limited to a graduating student. The award this year was fulfilled by a third year Honors student. Council approved.

13. First and Second Class Standing (Honors)

It was decided to postpone to the October or November meeting a question raised by Dr. Morrison with regard to first and second class standings. The Chairman stated that this Council would discuss the question at that time and possibly make a recommendation to General Faculty Council.

14. Announcement of Prizes and Awards

It was suggested by Dr. J. W. Campbell that the withholding of the announcement of prizes and awards until the Convocation service seemed unnecessary since the names were approved by General Faculty Council a few days before Convocation. He moved that this Council recommend to General Faculty Council that the awards should be posted immediately after the meeting of General Faculty Council so that students would not be kept waiting. Seconded by Dr. Owen.

Mr. Taylor, while he felt the point was well taken, pointed out the extra work involved in having to add prizes and awards to names already posted. However, several suggestions were made by Council that would overcome this difficulty. The motion was put to the vote and carried unanimously.

15. Supplemental Recommendations

In answer to a question from Dr. Wyman, the Chairman stated that it would still be necessary for an instructor to mark "F" or "RF" beside a failed mark on the short sheets, in spite of the new regulation regarding supplementals as an instructor's recommendation, one way or the other, would be necessary for the Revisions Committee. It was suggested that instructors should be careful to indicate the weighting system on the short sheets as some difficulty had arisen in the past in dealing with supplemental results where the weighting system was not known.

16. Supervision of Final Examinations

Professor Jones raised the question of the supervision of examinations and expressed the opinion that faculty members should not be asked to supervise during a heavy session of marking. His opinion was supported by Dr. D. E. Smith. Dr. Cook suggested that graduate students might be glad of the extra remuneration to be earned by supervising. It was moved by

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Professor Jones, seconded by Dr. D. E. Smith,

> "that this faculty request the University to make some other arrangements for the supervision of examinations so as to free academic members of the staff for other and more important duties."

Carried.

The meeting adjourned at 10.30 A.M.

John Macdonald

Dean

October 4, 1948.

Minutes of the 411th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, October 4, 1948 at 4:00 P.M.

There were present: Dean Macdonald in the Chair; Miss Patrick, Miss Duggan, Professors Thomas, Mardiros, Orchard, Phibbs, Eaton, Hunter, Davis, Harris, Moss, Gordon, Stirratt, Hardy, Owen, Campbell, J.D., Lang, Miller, Dunlop, Strickland, Nichols, Scott, Campbell, J.W., Smith, D.E., Mueller, Mayo, Warren, Walker, Whyte, Salter, Gowan, Glyde, Collins, Greene, Folinsbee, Cook, Long, and Mr. Taylor.

The minutes of the previous meeting were read and approved.

1. Laboratory Course in Summer Session

The Dean reported that he had been unable to discover anything in previous minutes concerning the question of a laboratory course being taken along with another course at summer session. He stated that the Summer Session Committee would be meeting shortly and that the question would be taken up.

2. Chemistry 52

Some students had registered in this course without the proper pre-requisites, but their programs had been corrected.

3. Supervision of Finals

The Dean reported that this question would be raised with the President at a later date.

4. Recommendations for Degrees

The following students were reported as clear for their degrees as a result of supplemental examinations:

For the Degree of B.A.

Bronson, Harold E.
Brundage, Donald H.
Chard, Robert W.
Clarke, Lillian L.
Hart, Eileen M.
Hicks, Donald F.
Kershaw, Alan
McCullough, Noreen
Reggin, John L.
Wilson, Donald E.

For the degree of B.Sc.

Baker, Bruce L.
Bissell, Erwin W.
Blayney, Edwin B.
Connolly, William D.
Conroy, Catherine R.
Bryant, James A.
Dinzey, Rosalie
Ellis, David T.
Gibb, James A.
Ginsberg, Albert
Hall, Donald H. (second class Honors in Physics)
Handford, George
Hovan, Norman A.
Kowalchuk, Eileen
Kreutz, Donald M.
Kroon, Harris
Lipsett, Earl
Moore, James W.
Nordlund, Lloyd H.
Poushinsky, Anatole
Schlang, Harry R.
Ryan, Blake G.
Scott, Norman F.
Stemp, William H.
Sturrock, John K.
Van Tighem, Francis
Maxwell, Brian E.
MacCallum, George T.
Wilson, Patrick T.

For the degree of B. Com.

Anderson, Jarvis M.
Dickie, William D.
McEvoy, Frank J.
Skirten, Herbert W.
Rollins, S. Bryce
Strother, Robert
Finley, Joseph
Wilson, Kenneth N.

For the degree of B.Sc. H.Ec.

Bell, Elizabeth J.
Murray, Catherine R.
Steffenson, Arlene C.

The above report was submitted by Dr. Gordon, seconded by Miss Patrick and approved.

The report of the Summer School Revisions Committee was read by Dr. D. E. Smith and seconded by Dr. Greene. The following students were reported as being clear for their degrees.

For the degree of B.A.

Annesley, George
Dawe, Robert W.
Glass, Bertha
Greenhalgh, Flora
Halkett, Gavin E.
Johnstone, John Keith
Lobb, Roy B.
Mason, Betty Townsley
Powell, Mary Mabel
Rivet, Georgina M.
Sister Mary of St. Godfrey
Thorsen, Thomas Donald
Trasov, George
Voss, Ellen V.

For the degree of B.Sc.

Evans, Hubert A.
Huckell, John R.
Yaworsky, Morris G.

For the degree of B.Sc., H.Ec.

Radford, Lois C.

The above report was approved by Council.

The Chairman mentioned that there might be two or three names clear for degrees as a result of October supplementals. He asked Council to leave this to the Registrar and the Revisions Committee. Agreed.

5. Third Year Physical Science Course for B.A. Students

The Chairman refreshed the memory of Council on the above question by reviewing the situation. A committee under the chairmanship of Dr. Warren had been appointed to investigate the possibility of such a course and report to this council in time for action to be taken for next year's calendar. He now called for Dr. Warren's report.

Progress Report by Dr. Warren:

1. The course should have no laboratory requirement, only demonstrations during lectures.
2. The course should be organized by and under the supervision of one lecturer who would be responsible for outlining a course for submission to the faculty.
3. The Committee should be maintained in being for a session or two, at any rate.
4. Suggestions from departments concerned would be welcomed by the Committee. Dr. Warren suggested that the lecturer should not be approached directly with such suggestions.
5. The Committee had reasonable hope of securing a lecturer from the present staff.

Dr. Warren asked for ideas from Council as to what should be included in a course of this kind. He felt that such a course would involve about a quarter of a lecturer's time and stated that this would have to be taken into consideration by the department concerned. Such a course should not be considered as something extra to be added to an already loaded time-table.

The Chairman mentioned that the proposal to keep the committee in being in order to deal with special questions is now carried on for courses of this kind in other universities such as Harvard which has set up a permanent committee because they give a considerable number of courses of this type.

It was stated by Professor Salter that, in his opinion, the original idea of this course was that students in the humanities should get some insight into scientific method and the handling of scientific equipment although he understood that laboratory practice in this course might be impractical for a number of departments involved. The Chairman stated that the idea of this course was rather to bring out the broad, human implications and applications of science rather than its technique. He mentioned that Dr. Warren's committee would submit more detailed an outline of the course for next meeting, at which Calendar changes are usually considered.

Dr. Moss stated that the original committee on patterns suggested physical sciences only as available in the first year (Physics and Chemistry). The idea was that in the first year course, the students would receive the kind of training of which Professor Salter was speaking. Later, other sciences were included among the options. In practice, last year, the majority of the second year students taking Biology 41 had elected either Chemistry or Geology or Zoology in the first year. This year, many have selected the Mathematics option. Dr. Moss suggested that the committee give some consideration to the first year requirement in science.

6. The Chairman asked permission to appoint a committee to examine, in the light of the new B.A. and B.Sc. patterns, the question of a B.A. and a B.Sc. degree following the B.Ed. He referred to the former arrangement now in the Calendar, but felt that it should be revised. The Committee should have a representative of the Faculty of Education. This was agreed to.

7. Registration of Second Year Pre-Medical Students who are not Selected for Medicine.

The large registration of Pre-Medicals in 1945-46, plus a January session meant that a large number were not promoted to Medicine and were consequently allowed to continue on in B.Sc. under the old regulations. The Chairman pointed out that the veteran situation is now past. He wondered whether it would not be important now to make it clear to all students entering the combined course that, if they are not selected for Medicine and propose to complete their B.Sc., they will have to conform to the requirements as they are now outlined in the Calendar. This would leave them with some conditions to fulfil. If a note were put into the calendar to this effect, students would be more likely to keep such a fact in mind in selecting their options for second year B.Sc.,M.D.

Dr. Warren agreed that a note should be in the calendar but suggested that there was danger of certain options being overloaded. Dean Macdonald pointed out that the number of students involved would not be large. Dr. Scott asked if the number of students with averages over 65% ever exceeded the quota. Dr. Macdonald stated that, last year, a number of civilian students with 65% standing did not make the quota. In a case of this kind, the student was asked to wait a year and then re-apply, at which time he would be considered on the same basis as veterans. Dr. Scott expressed the opinion that this was a poor deal for good students. Dr. Macdonald agreed but pointed out that it was a faculty of Medicine matter and, in any case, it seemed the best possible deal in the circumstances. He stated also that there probably would not be such a large enrolment in Pre-Medicine from now on.

It was moved by Dr. Walker, seconded by Dr. Warren

"that a statement be inserted in the calendar for next year".

Dr. Hunter mentioned that some students, having been turned down for Medicine, had decided on Medical Research and consequently had taken Biochemistry in their Arts program. Those of them who completed the B.Sc. under these circumstances and then were accepted into Medicine after all, were having to repeat the same Biochemistry course in first year Medicine. Professor Salter asked if a warning in the calendar would nullify some of the options. The Chairman stated that the senior A or B course in second year Pre-Medicine could satisfy B.Sc. requirements. If they selected this, they would do well to see what senior A or B course is required in the special A or B courses for B.Sc. students. Dr. Walker stated that it did not limit students very seriously to select special A or B options. There is quite a wide range. Dr. Miller asked if a year's program could be prepared and printed in the Calendar. But Dean Macdonald felt this would stereotype the students too much.

The motion put by Dr. Walker was carried.

8. Request from Department of Philosophy and Psychology

This had been presented to General Faculty Council and had been approved there. Dr. Smith mentioned that there has been a lack of a course in Clinical Testing. Dr. Spearman is capable of giving such a course. During the summer, it became apparent that four senior Honors students, who would not have an opportunity to take the course, seriously needed it in order to complete requirements for graduate work elsewhere. So a course in Clinical Testing seemed to be important.

The necessary tentative arrangements were made to introduce Psychology 106 - a conference course in Psychology. This course will be offered to Honors and graduate students this year.

It was moved by Dr. Smith

> "that Psychology 106 be added to the calendar and that it become operative with registration day this year".

Dr. Macdonald pointed out that it would not get in the calendar until next year. He stated that it was a question of permission to confirm registration of these Honors students in such a course. The motion was seconded by Professor Mardiros and passed.

9. First Year B.A. Students with Latin Matriculation

The Chairman stated that a certain number of students come with Latin matriculation from High School and want the foreign language and literature pattern for the B.A. One of the courses in that pattern calls for the "2" language. If these students are interested in modern languages, the difficulty is that they are more or less limited to one modern language and have to carry on with the Latin. The Chairman felt that nothing should be published that would in any way prejudice the cause of Latin. But on the other hand, it was not desirable to close modern languages to students with Latin matriculation. He pointed out that they could be permitted to register in two "one" languages and complete requirements with a five-course program in the third year. Dr. Owen mentioned that mostly honours students would be involved. He required them to take two "one" languages and French 2 at Summer Session. He referred to the fact that Hebrew 1 and 2 are open to students other than theological students, according to the Calendar and wondered why Hebrew was not listed in the Foreign Languages pattern. Dr. Macdonald stated that Hebrew was admitted originally for theological students only. He did not know how the qualifying clause got into the Calendar. He felt, however, that this was getting away from the question. Dr. Hardy stated that perhaps a "forty" course could be used to meet the situation, which could, in some cases be the reverse of what had been stated, namely, students might come in with French matriculation and be interested in carrying on with Latin in the University. It would be possible to promote good students directly from Latin 1 to Latin 40 and thus regularise them. The Chairman suggested that, as Calendar changes would be coming up at the November meeting, both departments concerned might prepare a motion covering this point. Dr. Hardy asked whether the two departments might draft the motion to meet the situation and have it circularized before next meeting so it could be in the hands of the faculty before the November meeting. Dr Macdonald suggested that the motion be restricted to the specific difficulty under consideration and not raise more general issues. Professor Orchard mentioned that the same problem occurred in the Fine Arts pattern, but it was pointed out that, so far as Fine Arts was concerned, the Latin student could get two languages in his first year - Latin 2 and another "one" language. If he wanted more than that, he should be registered in the foreign languages pattern.

It was agreed to turn the question over to the two departments involved.

10. Calendar Changes

The Chairman reminded Council that Calendar changes would be considered at the November meeting. New courses should be proposed with reserve as the need for them is closely scrutinized before they are finally approved.

11. Special Case - Krucik, G.

This case was presented by Dr. Gordon. Last session, Mr. Krucik was in the second year of the B.Sc.,M.D. course. He wrote one final and obtained a mark of 81%; but he was in a very nervous condition and, on the advice of Dr. Cantor, he wrote no more examinations. He was granted four deferred finals, to be written this fall. By fall, his health was no better and he was unable to write. The proposal is, therefore, that if he stays out a year, as he proposes to do, he be allowed to write deferred finals next spring. The Department of Veterans Affairs is willing to give him this postponement. Dr. Macdonald mentioned that his nervous condition was due to serious domestic trouble. Both he and Dr. Cook saw him in September and were of the opinion that his nervous condition was no better. He pointed out that D.V.A. was really stretching a point in granting such deferment, but apparently when the case was put before them, they were quite willing to do so.

Dr. Gordon moved

"that Council grant permission for deferred finals in the four remaining subjects to be postponed until next spring."

Seconded by Professor Strickland. Carried.

12. Other Business

Farm Management Course - Political Economy 75

The Chairman stated that this course had never been submitted to Council for approval. Professor Stewart was unable to be at the meeting and Professor Mayo had not come prepared to say anything about it. The Department of Political Economy had planned to give such a course this session but the course had not so far been presented. Owing to the the difficulty in securing a suitable instructor, it was not clear until late in the summer that the course could be given. Special arrangements to give it had been made.

Professor Mayo moved that the course operate this year and that it be included in next year's calendar. Seconded by Professor Long. Carried.

E.E. 80 and 84 for B.Sc. students

Dr. Gowan pointed out that returned men who have been through Radar School should not be required to take Physics 56 as it is too elementary for them. He proposed that they be allowed to take the two courses given in the fourth year of Electrical Engineering, namely, E.E. 80 and 84. The total in content of the two courses is a little more than Physics 56. It was moved by Dr. Gowan that the Dean be empowered to allow general students to register in these two courses if they have radar background.

Dr. Macdonald pointed out that these two courses do not appear in the Faculty of Arts and Science. However, he stated that it was a purely temporary concession which would affect a small number of students and only for the next year or two. So far as Honors students were concerned, there was a good deal of flexibility. These courses could be included in an Honors program. Dr. Gowan assured the Chairman that Professor Harle of the Department of Electrical Engineering approved of the proposal. The motion was seconded by Dr. Scott. Carried.

Mr. Taylor expressed his thanks to members of Council who had given a great deal of help at registration time.

The meeting adjourned at 5:15 P.M.

John Macdonald

Dean

Nov. 1, 1948.

Minutes of the 413th meeting of the Faculty of Arts and Science held in the Senate Chamber on Monday, November 1, 1948 at 4:00 P.M. There were present: Dean Macdonald in the Chair; Miss Patrick, Miss Duggan, Professors Greene, Mueller, Thomas, Johns, Collins, Jones, Stewart, Miller, Folinsbee, Lang, Hardy, Owen, Davis, Salter, Gordon, Whyte, D.E. Smith, Gowan, Moss, J.W. Campbell, Long, Stirratt and Mr. Taylor.

1. The Chairman invited a motion approving the minutes of the last meeting. On the motion of Professor Salter, the minutes were approved as circulated and were then signed.

2. Laboratory Courses in Summer Session

The Chairman informed the Council that he had raised at the Summer Session Committee meeting the question of the rule stated in the Summer Session Bulletin to the effect that it was not permissible for a student to take a second course along with a laboratory course. The Summer Session Committee was unable to explain how that statement came to be published and considered the question on its merits. It was felt that, in general, it was a desirable restriction to impose but that it was undesirable to put it in the form of an express prohibition. It was agreed that a statement should appear in the Bulletin to the effect that students were strongly advised against taking two courses if one of them is a laboratory science. This would provide for some reasonable exceptions as, for example, the case of a student taking a B.A. or a B.Sc. after a B.Ed..

3. B.A. or B.Sc. following upon B.Ed.

The Committee appointed to re-examine the existing regulation under this heading (L.G. Thomas, Chairman, Dr. S. Davis and Mr. Baker) reported as follows:

Requirements for B.A. B.Sc. after B.Ed.

"A student who has qualified for the degree of B.Ed. with a minimum of thirteen Arts and Science courses, and who has the matriculation requirements of the Faculty of Arts and Science, may proceed to the degree of B.A. or B.Sc. by taking six approved senior courses in the Faculty of Arts and Science. A student with the matriculation requirements of the

Faculty of Education only must take seven senior courses. The senior Arts and Science courses taken for the B.Ed. should be such that together with the further six or seven courses the student's programme will conform as nearly as possible to the senior years of one of the patterns laid down for the degree of B.A. and B.Sc. At least four of the senior courses taken after the B.Ed. must be completed with second class standing. Students lacking the minimum of thirteen Arts and Science courses in their B.Ed. programme may be required to complete additional courses. Students proposing to proceed from the B.Ed. to the B.A. or the B.Sc. are advised to consult the Dean of the Faculty of Arts and Science."

Mr. Thomas moved the adoption of this report, seconded by Dr. Davis.

Commenting on the report, the Chairman pointed out that no radical change was recommended as the basis of the recommendation was still six senior courses with four second class standings. There followed some discussion which centered around the fact that the B.Ed. programme was a four-year programme while the B.A. was a three-year programme. This might affect the question of whether a parallel recommendation for a B.Ed. following upon a B.A. or a B.Sc. could be expected from the Faculty of Education. The question was also raised as to whether it was a matter of indifference, in point of preparation, whether the B.A. or B.Sc. preceded the B.Ed. or the arrangement was reversed. It was suggested by certain members that conceivably the better kind of training on the whole might be that in which the Arts and Science degree preceded the professional degree. The Chairman suggested that such a discussion was not strictly relevant to the question before the Council.. The Council was asked to decide what it could reasonably expect from a student with a B.Ed. degree who had already taken a considerable number of Arts and Science courses and who wished to qualify for the B.A. or B.Sc. degree. This was undoubtedly a laudable intention on the part of any student and the question at the moment was what the Council was prepared to ask for without a lowering of the standard of the B.A. or the B.Sc. degree.

Since it was evident that students taking a B.Ed. in Industrial Arts, for example, would not have the minimum of thirteen courses provided for in the Committee's report, Professor Stewart moved an amendment to the effect that the words "may be" in the second last sentence of the report be deleted and the words "will be" be substituted. This was seconded by Dr. D. E. Smith. On being put to a vote, the amendment was carried.

The motion as amended was then put to the vote and carried.

4. Two Beginners' Languages in the First Year

Dr. Hardy presented the motion as stated on the agenda.

> "that at the end of the statement of courses for the first year of the Foreign Language and Literature pattern on Page 38 of the calendar, the following note be added: 'in place of the options listed under (1) and (2) above, a student is permitted to take two of French 1, Latin 1, German 1, Greek 1, Russian 1. If a student makes this choice, he will be required, in his third year, in addition to the courses already listed below, to take a third senior foreign language course.'"

The motion was seconded by Dr. Owen and carried.

5. Genetics 51

A letter from Dean Sinclair of the Faculty of Agriculture was read by the Chairman concerning a change in Genetics 51. The essence of the letter was that Genetics 51 is to be divided into two courses - Genetics 52, three hours lectures, full year; Genetics 53, three hours laboratory, full year. Students in this faculty would be involved. The calendar statement would be Genetics 52-53. The Chairman stated that it would mean that Arts students would register for Genetics 52 and 53.

The Chairman informed Dr. Moss that Dean Sinclair had assured him that the laboratory part of the course would continue for the whole session, but in view of the doubt expressed by Dr. Moss, he thought it was better to withhold action until information on this point was definite.

6. C Division Course for Third Year B.A.

The Chairman reminded the Council that the Committee which had originally recommended the pattern organization of courses had included in its recommendation a C Division course for third year B.A. students to balance Biology 41 which was accepted for the second year. No action was taken at the time as no students were due to come up for the course for two years, and it was felt that the planning of such a course would require further consideration. Last session, a Committee had been appointed under the Chairmanship of Dr. Warren to bring in a specific recommendation to become effectuve next session. In the absence of Dr. Warren, the report was presented by Dr. Johns who moved its adoption.

PHYSICAL SCIENCE COURSE FOR THIRD YEAR B.A. STUDENTS

Outline of the Course 3 hours lecture

A course designed to orient a student of the humanities in the fields of astronomy, chemistry, geology and physics. Through an introduction to these sciences, it aims to give a definite conception of the physical world, some appreciation of the scientific method and the part it has had in the intellectual life of the race, as well as the contributions of physical science to the solution of some contemporary problems.

It is not an attempt to survey the entire domain of the physical sciences, nor is it intended to be an abbreviated version of elementary courses in the various departments represented. Rather it is intended as a unified course in physical science designed to give the student a fair panoramic view of the universe in which he lives and of his relation to it.

Calendar Material

A course designed to give the B.A. students some appreciation of developments in Astronomy, Chemistry, Geology and Physics. It aims at giving a definite conception of the physical world, an appreciatinn of the scientific method and the part it has played in human history, and some understanding of physical science in relation to contemporary problems.

Text-book: Krauskopf, Fundamentals of Physical Science (McGraw-Hill, 1948).

The above motion was seconded by Dr. Gowan.

The Chairman reminded the Council that at its last meeting, Dr. Moss had suggested that this Committee should give some attention to the science prescription in the first year as that seemed to him to require further consideration. Dr. Warren had informed the Chairman that, though the matter had not been specifically raised by the Committee, he himself had given it some thought and had suggested that the Council should consider whether the choice should not be limited to Physics and Chemistry. The Chairman remarked that he would probably raise that matter for action at the December meeting of Council.

With reference to the Committee's report, it was suggested by Professor Jones that the phrase "for students in the Humanities" should be altered to read"for B.A. students". The Committee expressed its willingness to accept that change. Some members of Council were inclined to think that a course of this kind might become so broad that it would be difficult for the instructor to cope with it and that the students might find it rather vague and sketchy. It was suggested also that such a course would be better placed in the first year rather than the third as it would likely be of too elementary a nature to be properly placed in the third year. It was also suggested that students in their third year were likely to be most interested in their field of concentration and that the proposed new course should be disposed of earlier. Dr. Folinsbee stated his opinion that there was no need for the course to become either sketchy or elementary. The course content as suggested rather indicated the contrary and in any case, it was entirely a question of how the subject matter was handled. It was also pointed out that the course was introductory rather than elementary, just as a course like Philosophy 51 was introductory but certainly not elementary in the sense of being easy. Further, the Council was reminded by the Chairman that, not only the Council itself, but the students should not confuse their field of concentration with an Honors program in which the courses outside the specialty were apt to be regarded as tool or ancillary courses. Where the ordinary B.A. is concerned, we should not think in terms of disposing of other subjects earlier in order to concentrate on one field later. In this connection, it was pointed out by Dr. Moss that he had found in his experience with Biology 41 that it was the more mature students who seemed to be most interested in the course and to be getting most out of it. Following the discussion, the Chairman put the motion which called for sanctioning of the course as described, as a requirement for third year B.A. students to the vote.

Motion was carried.

7. Special Case - John Wanamaker

The Chairman presented the case of Mr. John Wanamaker who was recommended to withdraw at the end of the 1946-47 session but returned and was made to repeat his year with no credit for anything he had passed in his failed year. He was now asking Council to allow him sufficient credits from his failed year to enable him to complete the requirements for his degree by taking a summer session after this session. He really owed the University three full sessions after his failed year but was asking council to mitigate the ruling, probably for economic reasons.

Dr. Campbell moved that the request be refused. Seconded by Dr. Johns.

Professor Long stated that the student had started out in science and had not discovered until too late that his interest lay in the Arts. He had come back and had obtained five second class standings in a B.A. The student felt that he had two science credits from his failed year that might be considered equitable to Biology 41. The Chairman pointed out that, if his request were granted, it would be establishing an undesirable precedent. The student was not a veteran, otherwise he would have been granted supplementals in his failed year.

The motion was put to the vote and carried.

8. Accessibility of Old Examination Papers

Professor Salter expressed concern over the fact that it had been apparently decided to discontinue re-printing of old examination papers and making them available to students. The Chairman stated that his understanding of the situation was that these examination papers would still be printed and that one copy would be dpposited in the Registrar's Office and another in the Library and that only this copy in the Library would be accessible to students. He explained that this action had been taken by the Deans' Council in its capacity as an executive body of General Faculty Council. The main reason for this action was the feeling of that Council that the students' habit of pouring over former examination papers should be discouraged as they would be better employed in studying the subject matter of their courses. Professor Salter, however, was of the opinion that reference to old examination papers was "an inalienable right" of students always and he therefore moved that this Council recommend to General Faculty Council that copies of these papers should be made freely available as heretofore. The motion was seconded by Dr. Gordon and carried.

9. Calendar Changes

Geology

The Department of Geolggy recommended a new course, Geology 105, Micropaleontology designed for graduate students who have taken Geology 53. The course is described as follows:

> "classification and study of fossil foraminifera, ostracodes and conodants. Introduction to microscopic features of fragmentary material of larger fossils, including bryozoa and spores. Laboratory and separation techniques outlined.
>
> Pre-requisite: Geology 53

Dr. Folinsbee moved the adoption of this new course, seconded by Dr. Moss. Carried.

History

The department recommended a new course, History 59 to be given by Professor Thomas. The description of the course is as follows:

> "History of the Canadian West: The social, political and economic history of Canada west of the Great Lakes, with the emphasis on the period of settlement."
>
> Note: Before registering in this course, students must obtain the consent of the instructor.

Professor Long explained that there has only been one general survey course in Canadian History up to now, and it was felt that this course would be valuable for students particularly interested in Canadian History.

Professor Long moved the adoption of the course, seconded by Professor Thomas. Carried.

Mathematics: Dr. Campbell announced that Honors courses in Mathematics would now be listed as three hours a week instead of two. Agreed.

Modern Languages

A new course was proposed, namely, French 72. The description is as follows:

"French 72 - Contemporary Authors. three hours

Development of the novel, drama and of poetry since 1900."

This course will be offered by Professors Healy, Greene and Faucher and will be given every other year, beginning in the 1949-50 session. Pre-requisite - one senior French course.

It was pointed out that no addition to the teaching staff would be required for this course.

Dr. Owen moved the adoption, seconded by Dr. Greene, carried.

Zoology

Dr. Miller announced that the pre-requisite for Zoology 53 should be changed to read: Zoology 1 and 51, or Zoology 2. Zoology 51 may be taken as a co-requisite.

Moved by Dr. Miller, seconded by Dr. D.E. Smith, carried.

The Departments of Chemistry, Philosophy & Psychology and Household Economics indicated that their calendar changes would be submitted at the December meeting.

Referring to the circulated mimeographed statement of pattern arrangement for the calendar, the Chairman stated he would be glad to have comments from departments concerning that arrangement.

10. Professor Stewart's Report

The Chairman requested that the senior members of the Council who had secured copies of this report give the junior members of Council who had not received copies, an opportunity to study the report before the December meeting as it was likely that the terms of that report, insofar as this faculty was affected, would be considered at the December meeting with a view to any action that might be thought desirable.

The meeting adjourned at 5:50 P.M.

John Macdonald

Dean

Minutes of the 414th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, December 6, 1948 at 4:00 P.M.

Present were: Dean Macdonald, in the Chair; Professors Rowan, Cook, Whyte, Gordon, Strickland, Owen, Hardy, Miss Patrick, Miss McIntyre, Lang, Folinsbee, Miller, Greene, Brown, Mardiros, Walker, Harris, Davis, Stirrat, Nichols, Taylor, Thomas, Jones, Collins, Orchard, Salter, D.E. Smith, Glyde, Johns, Moss, Long and Mr. Taylor.

It was moved by Dr. Lang, seconded by Dr. Davis that the minutes be approved as circulated. Carried.

1. Genetics 51

The Chairman reported that, as the Faculty of Agriculture had decided to leave Genetics 51 as it was, there was no problem so far as this Faculty was concerned.

2. Old Examination Papers

It was reported by the Chairman that old examination papers would continue to remain available to students as heretofore, according to a ruling passed by General Faculty Council at its last meeting.

3. Professor Stewart's Report

The Chairman reminded Council that, at the previous meeting, he had asked them to give attention to Professor Stewart's report on General Education, insofar as it affected this faculty. The Committee on Honors in the meantime had held two meetings to consider the recommendations as they affected Honors students and he wished to submit the following report under that heading.

Report of the Committee on Honors

Recommendation F, Page 32 (Required courses outside division of concentration be not less than in the pattern program for the same department)

The Committee felt that, for purposes of the Honors degree, the important distinction is that between A and B divisions on the one hand and C division on the other. A student taking Honors in an A division subject, English for example, may achieve variety and breadth by taking another A division subject, e.g. French or Latin. In certain cases, the actual classification of A or B is rather arbitrary. Recommendation F is therefore more applicable to students taking Honors in C division subjects. The regulations now provide for at least three courses outside C division, though these are not mandatory in every case. The Committee recommends (1) that this amount of spread be made mandatory for C division Honors students and (2) that the two senior A or B courses be selected from the special A or B list prescribed for ordinary B.Sc. students and (3), that special cause should be shown for any modification of these requirements in particular cases.

B.A. Honors Students

It is noted that all programs, with the exception of Classics and Modern Languages, make a C division course mandatory in the first year. It is pointed out that it would be very awkward to arrange for compulsory laboratory science courses in the upper years. Further, pre-requisites are a much more serious obstacle here than in the case of C division Honors students who are selecting A or B division courses. The Committee notes that B.A. Honors students might, with advantage, be encouraged to take one or both of the special science courses now devised to meet the needs of ordinary B.A. students.

The Committee is of the opinion that narrowness in Honors programs can be best obviated by a plan of general reading arranged by the various departments for their Honors students. The reading would be supervised, though not tested by formal examination, and thus it would not rate as an additional subject.

Finally, in view of the variety of individual needs and interests, which the Honors programs try to cater for, the Committee would prefer to continue the present arrangement which gives the departments considerable latitude in devising programs but would ask departments to keep in mind the importance of avoiding obviously restricted programs.

Dr. Owen moved the adoption of this report. Seconded by Dr. Walker. The report was approved.

With reference to recommendations affecting the ordinary B.A. and B.Sc. programs, there appeared to be three questions to be answered.

(1) Should there be a four or five-course program in the third year of these courses?
(2) Should an extra science be asked of B.A. students making a total of four in all?
(3) Should an extra A or B division course be required of B.Sc. students, making a total of four in all?

Before asking council to vote on these three questions, the Chairman suggested that it first dispose of another question which had been mentioned at an earlier meeting and which the council had been asked to consider in the meantime. This was the question as to whether the C division requirement in the first year of the B.A. program should be limited to Physics and Chemistry.

It was moved by Dr. Moss, seconded by Dr. Folinsbee, that the first year prescription in science be restricted to Physics and Chemistry. Dr. Moss suggested that this arrangement was desirable in view of the content of the general courses in Biology 41 in the second year and the new course in physical science in the third year. It would mean that students taking these courses would come to them with a more uniform preparation than they had now. Dr. Owen expressed himself in favour of leaving things as they are. He suggested that courses outside Physics and Chemistry such as a Geology course, sometimes prove more satisfactory from the point of view of the B.A. students. On being put to a vote, Dr. Moss's motion was lost.

Returning to Question (1), should there be a four or five-course program in the third year of the general courses; the Chairman suggested that this question could be best dealt with by considering the B.A. and the B.Sc. requirements separately.

It was moved by Dr. Folinsbee, seconded by Dr. Harris, that the third year of the B.A. course be a five-course program. In presenting this motion, the Chairman remarked that, in certain cases, he had taken advantage of the third year four-course arrangement to prescribe five courses for certain students who were a course out of step for various reasons, and if the present motion were to pass, he might have to ask council to permit certain students who would probably be veteran students, to attempt six courses in their final year in order to avoid attendance at a summer session. However, this situation would probably not continue beyond the forthcoming session. Professor Jones expressed the view that the four-course program was preferable as it made possible some degree of thoroughness in the study of individual subjects in the third year. This thoroughness would tend to be sacrificed should a fifth course be required. Dr. D. E. Smith pointed out that there is no actual real line or division between second and third year courses and that both second and third year students are attending the same courses. This would seem to create a difficulty with respect to Professor Jones' suggestion. On the motion being put to a vote, it was declared carried. (for: 16, against: 10)

Dr. Whyte moved, seconded by Dr. Miller that a five-course program be instituted for the third year of the B.Sc. course. After some discussion, the motion was put to the vote and carried.

Dr. Rowan suggested that consideration should be given to another possibility namely, that the better students could be permitted to continue offering four courses instead of five and he wished to give notice of motion in this sense for the next meeting of the Council. Professor Salter, who expressed himself as in disagreement with the decision just made, especially with regard to the B.A. program, stated that he would be glad to second Dr. Rowan's motion when it came before Council.

With respect to Question (2), should an extra science course be asked of B. A. students making a total of four in all; it was moved by Dr. Walker, and seconded by Dr. Hardy that only three C division courses, not four, be made mandatory for B.A. students. The motion was carried.

Question (3), should an extra A or B division course be required of B.Sc. students making a total of four in all. It was moved by Professor Jones, seconded by Dr. Moss that the prescription remain as now, namely, three A or B courses mandatory for science students. Motion was put to the vote and carried.

Dr. D. E. Smith gave notice of motion to the effect that, in both the B.A. and B.Sc. programs, the fifth course should be a completely open option. This would make it possible for B.A. students to taken an additional science course and for B.Sc. students to take an additional A or B course. The notice of motion was accepted.

4. Calendar Changes

Household Economics

House. Ec. 31 in the second year of the B.H.Ec. course to be changed

to read: H. Ec. 31 - three hours lectures in the second year
H. Ec. 54 - Experimental Cookery - three hours laboratory in third year.

Change moved by Miss Patrick, seconded by Miss McIntyre, carried.

Philosophy & Psychology

In asking Dr. Smith to present the proposed changes for the Department of Philosophy and Psychology, the Chairman explained that practically no changes had been effected in Psychology in this department for about fifteen years, and it was felt that rather extensive changes were required to bring the provision in in Psychology up to date. The new provisions involved:

(a) Clarification of the descriptions of certain existing courses;
(b) Expanded content for four of the existing courses;
(c) Four new courses.

Dr. Smith then produced his report.

Calendar Changes - Psychology

Philosophy 2 - Introductory Psychology 3 hours

A survey of problems, methods and principles in various fields of psychology.

Psychology 51 - General Psychology 3 hours

An introductory course for senior students, which surveys problems and methods in various fields of psychology, with special emphasis on principles and theories.

Psychology 58 - Psychology in Relation to Human Welfare 3 hours

A consideration of social and economic problems in which psychology has made, or could make, a contribution.

Psychology 59 - as in present calendar

Psychology 62 - Personality 3 hours

Theoretical approaches to personality; behaviour dynamics; determinants of personality - biological, lorganic, experimental, sociological; the mature personality

Pre-requisite: Philosophy 2 or Psychology 51

Psychology 63 - Elementary Psychometrics 3 hours lect., 3 hours lab.

The nature of psychological tests, with practical work in administration, scoring and interpretation of tests.

Pre-requisite: Psychology 62

Psychology 101 - Physiological and Comparative Psychology 3 hours lect, 3 hours lab.

Pre-requisite: Psychology 59

Psychology 102 3 hours

An introduction to psychoanalytic theory (Freud) as a basis for understanding mental development, neurotic conflict, the psychoneuroses, the functional psychoses, and application of treatment.

Pre-requisite: Psychology 62

Dec. 6, 1948.

Psychology 103 - as in present calendar

Psychology 104 - General Experimental Psychology, Advanced course
3 hours lecture, 3 hours lab.

The methods and results of experimental investigations in psychology in relation to fundamental theoretical problems. The laboratory work will introduce the student to research methods.

Pre-reauisite: Psychology 59

Psychology 105 - History of Psychology 3 hours

An historical survey of problems and theories in psychology, including modern systems of psychology.

Pre-requisite: Psychology 51 or Philosophy 51

Psychology 106 - as approved by Faculty in October, 1948)

Psychology 107 - Clinical Psychometrics 3 hours lect., 3 hours lab.

Diagnostic clinical tests: Wechsler-Bellevue, Binet, Minnesota Multiphasic, Rorschach, Thematic Apperception Test, Szondi, etc., with practical work in administration, scoring and interpretation.

Pre-requisites: Psychology 63 and Psychology 102

Psychology 108 - Psychotherapy 3 hours lect., 3 hours lab.

Principles and methods of psychotherapy with special emphasis placed on interviewing techniques, counselling, re-education and group psychotherapy. Practical work in the simpler methods.

Pre-requisite: Psychology 102

Psychology 109 - Research in Psychometrics 3 hours lect., 3 hours lab.

Principles and methods of constructing and standardizing psychological tests, including a directed research project in this field.

Pre-requisites: Psychology 59 and Psychology 63

Psychology 110 - Research in Learning and Memory 3 hours lect., 3 hours lab.
Pre-requisite: Psychology 59

Psychology 111 - Research in Sensory Processes 3 hours lect., 3 hours lab.
Pre-requisite: Psychology 59

Psychology 112 - Research in Emotions and Motivation 3 hours lect., 3 hours lab.
Pre-requisite: Psychology 59

On the motion of Dr. Smith, seconded by Professor Mardiros, the above changes and new courses were approved by Council for inclusion in the forthcoming calendar.

Department of Chemistry

Dr. Walker moved that the following two new courses in Chemistry, requested by the Faculty of Engineering, be approved by this Council. He mentioned that they had already been approved by General Faculty Council.

Chemistry 56 - Elementary Quantitative Analysis - 2 hours lect., 3 hours. lab.

W. E. Harris

For students in Chemical, Mining and Petroleum Engineering only.
Lectures: Principles and methods of quantitative analysis.
Laboratory: Gravimetric and volumetric determinations, illustrating principles of analysis.
Pre-requisite: Chemistry 40
Textbook: to be arranged.

Chemistry 66 - Physical Chemistry 3 hours lect., 3 hours lab.

J. L. Morrison

For students in Chemical Engineering only.
Lectures: Kinetic theory; reaction velocity, catalysis and photochemistry; thermochemistry, chemical equilibrium and the phase rule; atomic and molecular structure.
Textbook: to be arranged
Laboratory: Physico-chemical measurements.
Pre-requisites: Chemistry 42, 54; Mathematics 25; Physics 46.

The above new courses were approved by Council.

5. Special Case - Pao Ming Li

The Chairman gave details of this case. He mentioned that, in November, the opinion was expressed by the Department of English that this foreign student was out of his depth in English 2 and that he had practically no chance of succeeding in that course. The Chairman had interviewed the student who felt himself that it was hopeless to proceed with the English 2 now. Questioned about his understanding of English in his science courses, the student admitted he was finding some difficulty. The November tests were only a few days ahead and it was agreed that he attempt these tests, after which his case would be reviewed. He did not write English 2 and had failed three out of his four science subjects. The Chairman read a letter which Mr. Li had adressed to him, requesting that he be permitted to continue until Christmas when he hoped to be able to improve his status. The Chairman asked direction from Council as to whether he should be permitted to continue or whether he should be reported to General Faculty Council with the recommendation that he be asked to discontinue attendance until he had improved his knowledge of English sufficiently to benefit by his course of studies.

The question gave rise to considerable discussion in Council. The general feeling as expressed in the discussion was that he should be permitted to continue until at least he had attempted the Christmas tests. While his uee of English was evidently rather odd, he did appear to be able to convey his ideas in this language and it might well be that he might effect a rapid improvement if he were permitted to continue. It was suggested by Dr. Gordon that he be asked to drop one of his science courses as well as his English 2.

The Chairman explained that the policy with regard to students of this kind was to interview them to find out whether they appeared to be in a position to benefit by instruction given in English. This student spoke English fairly well and, as a matter of fact, he had succeeded in clearing the matriculation requirements of Grade XII French by attendance at Alberta College during the previous session. Mr. Taylor pointed out that the Principal of Alberta College had recommended Mr. Li very highly as a remarkable student who appeared to be quite ready for University work. It was agreed that the Dean should talk further with Mr. Li and possibly arrange with him a modification of his program which might enable him to carry on until the spring.

The meeting adjourned at 5:50 P.M.

John Macdonald
Dean

January 14, 1949.

Minutes of a special meeting of the Council of the Faculty of Arts and Science held in Arts 236 on Friday, January 14, 1949. Present were: Dean Macdonald, in the Chair; Miss Duggan, Miss Patrick; Professors Thomas, Healy, D.E. Smith, Collins, Owen, Strickland, Moss, Lang, Greene, Allan, Cook, Jones, Tuba, Gordon, Mayo, Whyte, Brown, Harris, Orchard, Rowan, Miller, Gowan, Salter, Folinsbee, Johns, Stirrat, and Mr. Taylor.

The Chairman explained that the meeting was called to discuss various recommendations in the Report on General Education so that this Council could submit its own report in time for it to go to General Faculty Council and to the members of the Senate before the meeting of the latter body.

Since both notices of motion made in the last meeting had a bearing on the Stewart Report, the Chairman called for both motions to be presented at this meeting.

1. Fifth Course in B.A. and B.Sc. Programs

Dr. D. E. Smith moved, Dr. Healy seconded

"that in every pattern of both the B.A. and the B.Sc., the fifth course in the third year be an unrestricted option."

The Chairman stated that, in this Report, it is recommended that in the B.A., one more science course be added to the three already there and in the B.Sc., one more A or B course be added to the three now shown. No action was taken on this at the last meeting. Dr. Smith's motion would have the effect of at least making it possible for a student in the B.Sc. to take an extra A or B course and a B.A. student to take an extra science. Since the option would be wide open, freshman courses and beginner's languages would be acceptable. It was suggested that the selection should be under the control of the departments concerned. The physical science prescribed in the third year of the B.A. program would still remain obligatory. After some further discussion, it was decided that there was no point in reconsidering the decision reached at the previous meeting with regard to making a fifth course mandatory.

Dr. Smith's motion was put to the vote and carried.

2. Reduction of Formal Program for Better Students

Dr. Rowan moved, Professor Salter seconded

> "that in the case of better students, only four courses be required in the third year for both B.A. and B.Sc. students."

Professor Rowan felt that there were certain students who could derive much greater benefit from being able to spend their time in private study, rather than having to take a fifth course.

The Chairman pointed out that, on Page 45, somewhat the same recommendation was made in the Report (Recommendation K), namely, the substitution of a reading course for one of the prescribed courses of the year. In this, the Committee was accepting a suggestion made by the President and appearing in an appendix to the Report. There followed a discussion as to the definition of "better student", in the event of the motion being carried. The President had suggested a 75% average. Dr. Allan pointed out that a student could obtain a 75% average on the basis of very high marks in the two courses he was taking in one department and rather low marks in the other courses. It seemed important to guarantee a high general level. Professor Strickland suggested that the securing of four second classes in the second year should be an additional requirement to the 75% average. It was submitted by Dr. Johns that four second classes without the 75% average requirement would make the privilege too easy of attainment.

The mover and seconder of the motion explained that they had not in mind any special control of the outside reading, such as the requiring of a report on it. They felt that students of this type could be depended upon to make good use of their time.

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Dr. Moss brought up the question of prizes and awards, stating that the four-course student would have an advantage over the five-course student. The Chairman suggested, however, that a four-course student had earned his advantage and a five-course man would not likely be in the picture in any case.

The Chairman finally suggested that the standard could be a 75% average plus four second class standings for an automatic granting of the privilege, and, in order to meet an objection on the part of Dr. Owen to making the regulation too rigid, students with four second class standings who had fallen short of the 75 % average might make special application for the privilege.

Dr. Rowan's motion was then put in this form:

> "that in the case of students with an average of 75% and four second class standings in their second year, only four courses be required in the third year; and in the case of students with four second class standings in their second year, but with a lower average, applications could be made for this privilege and would be considered on their merits."

The motion was put to the vote and carried.

It was suggested that, if a five-course student produced a really good third year and seemed to be in line for a prize, perhaps his four best courses only could be taken into consideration. The Chairman felt, however, that this looked like belatedly awarding him the privilege that he did not earn in his second year.

3. Stimulating General Reading

The Chairman referred to Page 44, Recommendation J (Methods of stimulating general reading by the students and to report on particular methods which they found successful), and suggested that individual departments, might, with advantage, think over what they could do as departments to stimulate general reading and if they found any method to be particularly satisfactory, they could report it to Council. Dr. Owen suggested that, although summer reading

8. Assistance to Student Organizations

Dr. Miller drew attention to the last sentence on Page 48 of the Report, dealing with the matter of University assistance to student organizations, for example, the I.S.S. Since this organization would soon begin canvassing for funds, he felt it was in order to say that this was a good cause for general education since the reason for raising money was to bring European students to Canadian campuses in the hope of acquainting them with the ways of a democracy and, at the same time, helping to broaden the outlook of our own students by association with them. He asked if this Faculty would endorse this specific recommendation in the Report. The Chairman stated, however, that the motion contained in Item 4 of these minutes covered this suggestion.

Professor Mayo expressed his uneasiness over a statement beginning on Page 47 and ending on the top of Page 48. He did not believe that the University should assign some member of the faculty the task of advising the executives of certain student organizations. Some of these organizations came to faculty members for advice, voluntarily, and this practice was quite in order. But he disagreed with the idea of assigning faculty members as advisers to these organizations. The Chairman felt that, while Professor Mayo's point could be recorded, the matter was one of general University policy and the suggestion in the Report would be endorsed, if at all, only after careful consideration in the proper quarter.

9. The Report as a Whole

Dr. D. E. Smith expressed the opinion that the Committee on General Education should be congratulated on the handling of the matters they have dealt with. Taking it as a whole, he felt the Report would serve a very useful purpose. The Chairman agreed and went on to say that the Report brought out very clearly just where the major part of the blame lies for certain weaknesses for which the University has been criticized. He indicated that, with permission of Council, he would act on Dr. Smith's suggestion of a statement indicating appreciation of what the Committee had achieved.

The meeting adjourned at 5:40 P.M.

John Macdonald

Dean

was not being prescribed as general policy, there could be no objection to a particular department doing something in this way on its own account. Dr. Rowan mentioned that the Philosophical Society might be asked to give its usual Essay prize as a prize for summer reading. This would take the academic flavor out of such reading.

4. Special A and B Courses for B.Sc. Students

In answer to a question, the Chairman explained that the original Committee which brought in the pattern suggestion gave particular attention to the kind of A or B courses that B.Sc. students should take. The results of these findings are in the present calendar. The Chairman reminded departments that, if a course was placed open to B.Sc. students, it should be as little as possible on the technical side, and should not call for a prerequisite. Dr. Cook stated that he was disturbed by the fact that students can leave the University today without having a very definite idea about the bases of their civilization or of democracy. The Chairman stated that this was a weakness which was probably inherent in a three-year program. With a four-year program, it might be possible to do what some universities have done, actually organize courses with that specific end in view.

Council felt that a series of lectures by well-known persons from all over Canada on subjects of current interest could be arranged by the University administration to combat this situation, and outside Music and Drama entertainment would also help to broaden the students' general education. Since the Report contained a recommendation to this effect, it was moved by Dr. Owen, seconded by Dr. Whyte that this Council endorse the recommendation contained therein.
Carried.

5. Size of Classes

Professor Salter referred to Page 28 of the Report which contained the statement that the Committee on General Education felt compelled to report that the size of the class has an important bearing on the impact which an instructor can make on an individual student. But no recommendation was made. Professor Salter felt that this was the heart of the whole matter of general education. He felt that an instructor could not begin to talk to his students as individuals when his classes were so large. The Council wished to go on record as unanimously endorsing the suggestion that really effective work toward the education of the student was bound up with a reduction in the size of classes.

6. Designation of New Course

The Chairman asked Council if they would agree to calling the new physical science for B.A. students simply Physical Science 41 to correspond to Biology 41 in the second year. Council agreed.

7. Drama 44 (Education 136)

Professor Orchard explained that a shifted emphasis in the content of this course involved a change in the wording of the calendar statement. Originally the course was split into two: fundamentals of speech and the psychology of acting. Now, because of a lack of a competent speech instructor in this University, emphasis would be placed on poetry reading and choral speech. In the last two years, the department has been feeling its way in this course and has decided that, because of the above-mentioned limitation, the description should be changed.

Professor Orchard moved the change, Professor Salter seconded. Carried. Professor Salter suggested that it might be a good idea to obtain a speech expert in this University, especially in view of the number of foreign students enrolled in the Faculty of Education.

immediately extraction

Minutes of the 415th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, March 7, 1949 at 4:00 P.M.

Present were: Dean Macdonald in the Chair; Professors Scott, Whyte, Tuba, Rowan, Jones, Gordon, Owen, Lang, Moss, Folinsbee, Miss Patrick, Miss Duggan, Johns, Mardiros, Stirrat, Cook, Gowan, Salter, Thomas, Walker, Davis, Harris, Campbell, J.W., Allan, Cormack and Mr. Taylor.

It was moved by Dr. Owen, seconded by Dr. Rowan that the minutes of the December meeting be adopted as circulated. Carried.

It was moved by Dr. Whyte, seconded by Dr. Lang that the minutes of the special meeting in January be adopted as circulated. Carried.

Dr. Cook drew the attention of Council to a book by Conant entitled: Education in a Divided World, in connection with the point he had made at the last meeting regarding student leaving University without knowledge of their democratic heritage. He felt that this book would be of value in this connection.

1. Communication from Faculty Relations Committee

The Chairman read a memo from Dr. Cook regarding the election of a member to the Nominating Committee for the Faculty Relations Committee and suggested the appointment of someone who had already served on the later committee. It was moved by Dr. Rowan, seconded by Dr. Moss that Dr. Walker be appointed to serve on the Nominating Committee as representative of this Faculty. Carried.

2. Appointment to Revisions Committee

The Chairman stated that, with the loss of Professor Hewetson from the staff, a vacancy had been created on the Revisions Committee. Dr. Gordon as Chairman of the Committee moved that Dr. Davis of the Department of Chemistry be appointed to fill the vacancy. Dr. Cook seconded. Dr. Davis expressed his willingness to serve on this Committee. Motion carried.

3. Students Entering Medicine after Two Years Pre-Medicine at U.B.C.

The Chairman introduced the case of three students, now in third year Medicine, who had come from U.B.C. after completing the equivalent of our two years of Pre-Medicine there. They had approached the Chairman about being granted a B.Sc. from this University on the basis of their work at U.B.C. and their two years in Medicine here, but he had pointed out to them that their proposal ran counter to a definite regulation that the combined course was open only to our own students and that it was not the custom of this University to admit students from outside the province to a combined course in this way. He suggested they apply to U.B.C. for such a degree, but that institution had turned down their applications, stating that their regulations did not permit them to grant a B.A. on the basis of two years Pre-Medicine and two years Medicine elsewhere. The Chairman stated that the students involved were very good ones with high marks. He asked Council to consider this situation and give a ruling.

Dr. Walker stated that this University, since it takes a certain number of these students into its Medical School on the basis of work done elsewhere, should be willing to recognize that work. He felt that the regulation requiring a student to be here for at least his final year of the B.Sc. could be extended here since their second year Medicine could be considered their final year B.Sc. He moved that the matter be considered carefully and, if possible, these students be recommended for a B.Sc. degree. Seconded by Dr. Rowan.

The Chairman stated that, if Council were favourably disposed to this application, it would have to be clearly understood that combined courses were not to be freely thrown open to people from another institution. He thought it undesirable, for example, for a student to take one year of B.A. at Saskatchewan and then come here and ask to be accepted into the second year of the B.A., LL.B. It was pointed out by Dr. Moss that other students who have gone through Medicine here in the same way might call upon the University to grant them a B.Sc. if this precedent were established. Mr. Taylor mentioned that he was under the impression that the University of Saskatchewan granted a degree to students who took previous training there and who continued professional work here, but Dr. Tuba expressed himself as being quite certain that students coming from Saskatchewan into Medicine here already had their degrees on the basis of two years Pre-Medicine and further clinical work at that institution. The essential difficulty turned out to be that these students from U.B.C. had taken no courses at all in this Faculty and it seemed anomalous that they should be admitted to a degree from this Faculty. While agreeing with this, Professor Salter expressed the opinion that the redress of these students was with U.BC. and not with Alberta, although he sympathized with them and felt something should be done. Council generally, agreed with this opinion.

After some discussion, Dr. Walker's motion was put to the vote and lost by a substantial majority.

Professor Salter then moved

> "that the Registrar at U.B.C. be approached by this Council on behalf of the three students involved and that it be suggested that the authorities at U.B.C. give further serious consideration to the matter."

Seconded by Dr. Cook. Carried.

4. Request Concerning W. MacKillop, fourth year Agriculture

A letter from Professor Stewart was read by the Chairman, supporting a request from Mr. W. MacKillop, who graduates this spring in Agriculture, that he be allowed to continue in this Faculty towards a B.A. degree. The Dean stated that he had spoken to the student and found that he was interested in getting some further trainingalong this line. Mr. MacKillop was interested in knowing just what his position would be and whether or not he would receive any credit for the Arts subjects already taken.

Professor Jones felt that the request was reasonable and moved that the student's request be granted.

It was noted that the student had already taken eleven courses in this Faculty which seemed to put him in the same category as a student with a B.Ed. degree. It was suggested by Professor Salter that this student be allowed to begin a B.A. course on the same basis as a student with a B.Ed. degree, namely, that he be required to take six senior courses in this Faculty and obtain four second class standings. Professor Jones agreed to put the motion in this form. Seconded by Professor Salter.

Dr. Allan brought up the case of a student who expects to graduate in Commerce this spring and who was inquiring about taking a B.Sc. in Geology upon graduation. The Chairman stated, however, that such a student would not present the same kind of problem as he would not have a number of courses which could be counted both ways.

Professor Jones' motion was put to the vote and carried.

5. Merck Post-Doctorate Fellowships

The Chairman announced that he had received material on the Merck Post-Dictorate fellowships, but it was noted that scientific departments in the Faculty had already received literature concerning these.

It was suggested by Dr. Allan that a change be made in the wording of the last line of Section 7 of the January minutes, namely, that the words "foreign students" be changed to something a little less blunt and more exact. On the suggestion of Professor Salter, it was agreed that the wording should be "students of immediately foreign extraction". This change was made in the minutes. The meeting adjourned at 4:45 P.M.

Minutes of the 416th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, April 4, 1949 at 4:00 P.M.

Present were: Dean Macdonald in the Chair; Professors Salter, Stirrat, Cormack, Thomas, Healy, Whyte, Rice, Gordon, Owen, Warren, Folinsbee, Miller, Scott, Campbell, Davis, Harris, Greene, Mayo, Stewart, Johns, Nichols, Jones, Orchard, Collins, Cook, Tuba, Gowan, Walker, Miss McIntyre, Miss Patrick, Miss Duggan and Mr. Taylor.

It was moved by Dr. Warren, seconded by Dr. Healy that the minutes be adopted as circulated. Carried.

1. The Chairman stated that he had written the Dean of Arts and Science at U.B.C. with regard to the three Medical students who were applying for the B. Sc. degree but as yet he had received no reply.

2. Revision of Physiology Courses

Dr. Rice explained the position of the Department of Physiology so far as Medicine was concerned. He felt that the existing arrangement in the Department was unsatisfactory in that medical students were not getting the right kind of teaching for purposes of diagnosis and treatment of patients. This was because their courses had been given also to non-medical students whose background of knowledge was not sufficient to cope with the material presented. Consequently that material became inadequate for the medical students. Since physiology was primarily a medical subject, he felt it was necessary to rectify the existing situation and provide the type of teaching for medical students that would ensure their being properly qualified when they graduated.

To implement these changes, he proposed to segregate non-medical students from medical, and since the laboratory requirements for medical students required careful and extensive preparation involving a great deal of staff time, the laboratory requirements for Physiology 61, the Arts course, would be cut in half and the course would now consist of three hours lectures full session, three hours laboratory, first term only. Although this seemed less on paper than what students had been getting, Council was assured by Dr. Rice that the course actually was more suitable in that the material would be of a much more general character and therefore more comprehensible to non-medical students. He explained, further, that Household Economics students would take the lectures only of the new course.

In answer to a question, Dr. Rice stated that the reason why they were having to cut down on the time for Physiology 61 was because of shortage of instructors, time and facilities. Medical laboratories involved a great deal of preparation which took place the day before because of the fact that living specimens had to be used. Pharmacology laboratories provided another problem since there were two definite types of students taking Pharmacology and therefore two separate laboratories had to be held.

The Chairman summed up Dr. Rice's remarks by stating that the crux of the whole matter was that Physiology 61 would now consist of three hours lectures, full term and three hours laboratory, first term only. Dr. Rice, in answer to a question from the Chairman, stated that the Faculty of Medicine had wholeheartedly approved the changes that he was implementing for Medical students.

It was moved by Dr. Whyte, seconded by Dr. Warren, that the new arrangement for Physiology 61 for Arts and Science students be approved. Carried.

3. Final Year Programs for Students now in Third Year

The Dean read a petition he had received from a small group of students who are proceeding to their third year. They asked that they be allowed to proceed on the basis of four courses instead of five, since they were under the impression when they registered last fall that only four courses were called for in the third year. The Chairman reminded Council that, in dealing with a number of students who were irregular through transferring from one course to another, arrangements had been made for them to take five courses in the third year instead of the usual four. If a five-course third year were implemented at once, it meant that such students would have to take six courses in order to graduate.

Dr. Gordon moved that the implementation of the five-course program for students in the final year of the B.A. and B.Sc. programs be postponed until September, 1950. Seconded by Dr. Campbell.

The Chairman also reminded Council that, in view of what had happened when the old thirteen-course program had been changed to a fourteen-course program, it was desirable that a change of the kind now under discussion should be implemented without any unnecessary delay. Nevertheless, he felt that students now registering for their final year had reasonable grounds for askihg that the four-course program be accepted in this case.

There followed some discussion concerning a contract between the University and the students involving the number of courses they were required to take. Some felt that the changing of the number of courses in the middle of a student's program was a breach of that contract. Dr. Johns pointed out, however, that when these particular students entered University, the original pattern system called for five courses in the third year so there was actually no breach of contract at all. It was felt, too, that the same type of request might be made next year by students entering third year. But the Chairman pointed out that present first-year students would have ample warning that the third year would consist of five courses. He went on to say that there were a number of students now in their second year who could not afford to postpone their graduation and who were a little embarrassed by the change.

Dr. Gordon's motion was put to the vote and carried.

4. The question of Physical Science 41 was re-introduced by Dr. Gordon who stated that B. A. students were much more limited in their choice of science options than were B. Sc. students in their A and B options. Because of this, he felt that it would be just as sound for a student who had taken Geology 1 in the first year, Biology 41 in the second, to take another senior Geology, if he or she so desired, in the third year instead of having to take Physical Science 41.

The Chairman remarked that the number of courses in the A and B Divisions which do not require a pre-requisite and can be regarded as of general educational value is considerably larger than in the C Division. Hence the wider range of choice. With regard to the matter of presenting a course like Physical Science 41 for all B. A students, he submitted that there is a question of principle involved, namely, how far is this Council prepared to go in giving direction and leadership in the interests of the students' own education and in insisting that the student is not the sole judge of what is best for him in this respect. The students often fail to realise that this kind of prescription is not something purely arbitrary but is in line with a very general policy in regard to the B. A. degree.

5. D Dr. Warren asked if the Revisions Committee Report could be mimeographed and distributed to members of Council at the May meeting. The Chairman stated that he would look into the matter and see what could be done.

6. It was announced by Mr. Taylor that this year, students would receive their actual marks in a statement of record. There might be considerable pressure on instructors if a student learned that he had a mark of 64% or that he had an average one or two points under a promotion average. He suggested that members of the Faculty should be quite certain that they could defend a mark of this kknd.

The Chairman agreed that such marks might cause more applications for re-reading of papers, but he felt it was a mistake to suggest that such marks should not be turned in. For example, a student with, say, three failures of between 45% and 50% would probably be placed in Category IV. If instructors decided to raise those marks, his category would be raised, whereas a Revisions Committee would lower the mark, having seen the whole record. Professor Jones stated that a mark of 49% to him meant that a student had a definite failure but if the rest of his record was good, that mark could be raised by the Revisions Committee. The Chairman suggested that a mark of 49% should never be left without such a recommendation. In answer to a question by Dr. Gowan, Mr. Taylor stated that, when an appeal went out from the Registrar's Office, it was sent to the Head of a Department and he had always understood that more than the original marker would participate in the re-reading of the paper.

It was generally felt that the practice of re-reading was getting a little out of hand and that students should be discouraged from trying to secure extra marks in that way. It was suggested by Dr. Cook that the whole record of the student should be closely scrutinized before a re-reading was allowed, and the Chairman agreed that perhaps the time had come for modifying the present unconditional privilege of applying for a re-reading. This would need the sanction of the General Faculty Council.

7. Professor Salter asked if there was any rule about smoking in classrooms and was assured that such a rule existed. He suggested that instructors and students should be notified, officially, that smoking should not take place in classrooms. He suggested, further, that it would be useful if all such special regulations were available in succinct form for members of the staff who could then co-operate in enforcing them.

The meeting adjourned at 5:10 P.M.

John Macdonald
Dean

May 10, 1949

Minutes of a meeting (417th) of the Council of the Faculty of Arts and Science held in the Senate Chamber on May 10, 1949 at 2.00 P.M. Present were: Dean Macdonald, in the Chair; Professors Lang, Whyte, Gordon, Moss, Hughes, Tuba, Owen, Warren, Folinsbee, Jones, Scott, Gowan, Duggan, Patrick, Davis, Keeping, Mueller, Campbell, J.D., Stewart, Mayo, Cook, Salter, Rutherford, Collins, Nichols, Greene, Long, Thomas, Johns, Walker, Harris, Wyman, Campbell, J.W., and Mr. Taylor.

It was moved by Dr. Warren, seconded by Dr. Owen that the minutes of the previous meeting be adopted as circulated. Carried.

The Chairman mentioned that he would give members adequate time to look over the mimeographed report of the Revisions Committee before asking for motions of approval.

1. Report of the Committee on Honors

The following students were recommended for Honors degrees:

Chemistry

First Class Hohors

Craig, Stanley G.
Gillies, George A.
Gordon, Chester D.
Goward, William G.
Harman, Robert E.
MacDonald, James C.
Maerov, Sidney B.
Mottus, Edward H.
Nelson, Norman A.
Phillips, Donald D.
Rudin, Alfred
Wasylewsky, A.

Second Class Honors

Dymond, Richard D.
Langille, Donald W.
Martin, John H.
O'Donnell, Joseph P.

Classics

Second Class Honors

Buck, Robert J.

English

Second Class Honors

Linnm James R. L.
McGregor, Helen

Geology First Class Honors

Nielsen, Arne R.

Second Class Honors

Bailey, R. Bruce
Baker, Hugh A.
Elliott, Robert H. J.
Thomson, James M.
Wells, Gordon C.

History First Class Honors

Levine, Aaron L.
Mealing, Stanley R.
Willms, Abraham M.

Mathematics First Class Honors

Cairns, William B.
Cherniwchan, John M.
Parks, Lucille M.
Rooney, Paul G.
Somerville, Paul N.

Second Class Honors

Atkinson, Thomas P.
Dunn, Lillian M.
Sigal, John J.
Verge, Robert W.

Modern Languages First Class Honors

Bates, Ormus A.
Oyler, James E.

Second Class Honors

Greene, Joyce M.
Karateew, Nicholas J.
Teviotdale, Agnes

Philosophy & Psychology First Class Honors

Payne, Robert W.

Second Class Honors

Collins, Roy S.
Dickie, Robert D.
Fraser, Douglas T.

Physics First Class Honors

Cormack, Douglas V.
Fish, Frank H.
Mortimer, Robert K.
Radley, Sidney A.

Second Class Honors

Bates, Arthur D.
Bewell, Charles E.
Coram, Ivan T.
Harding, John H.
Hetherington, Hilliard C.
Hill, Henry D.
Kostashuk, George
Sheppard, Lloyd W.

Political Economy

First Class Honors

Loomer, Joseph
Millard, Vernon

Second Class Honors

MacDonell, Charles A.
Rookwood, M. Ralph

Governor-General's Gold Medal

On the motion of Dr. Warren, seconded by Dr. Lang, the medal was awarded to Alexander Wasylewsky.

It was moved by Dr. Gordon, seconded by Dr. Owen that the Report be adopted as read. Motion carried.

Dr. Scott asked if there were any University regulation governing the award of first or second class Honors. The Dean replied that there was no rigid ruling but that a student should not be selected for first class Honors unless he achieved 80% in the field in which he is taking his Honors.

2. Revisions Committee Report

The following students were recommended for the degree of Bachelor of Science:

Aboussafy, Louise
Adamson, Donald Mason
Allin, George Edgar
Alton, John W.
Arbeau, Arthur M.
Armstrong, Allan B.
Asplund, Russell O.
Atkinson, Thomas K. (2nd class Honors Maths)

Bahan, Walter George
Bailey, Robert B. (2nd class Honors Geology)
Bain, Gordon Orville
Baker, Peter J.
Baker, Hugh Alexander (2nd class Honors Geology)
Barke, Frederick M.
Bates, Arthur D. (2nd class Honors Physics/
Bayrock, Victor A.
Banjamin, Raymond E.
Berry, Andrew D.
Bewell, Charles E. (2nd class Honors Physics)
Blundell, Margaret Jeanne
Bombardieri, Caurino
Boorman, Samuel Thomas
Boyse, Arthur Norman
Brickman, William J. (1st class standing)
Brown, Jack R.
Burton, John Thomas
Cairns, William B. (1st class Honors Maths)
Cameron, Richard C.
Carmichael, John W.
Carmichael, Peter
Carter, Ruth E.
Cherniwchan, John M. (1st class Honors Maths)
Cody, Duncan Barter
Cook, John T.
Cooper, John W.
Coram, Ivan T. (2nd class Honors Physics)
Cormack, Douglas V. (1st class Honors Physics)
Craig, Stanley G. (1st class Honors Chem)
Crookes, Eileen M. L.
Davidson, Auber M.
Daw, Charles E. C.
Daw, Donald F.
Dennis, Evelyn Mae
d'Estrube, Pierre F.
Deutsch, Otto
Doll, William A.
Dominy, Grant W.
Donovan, James E.
Dunn, Lillian Mary (2nd class Honors Maths)
Dymond, Richard D. (2nd class Honors Geology)
Elliott, Robert H. J. (2nd class Honors Geology)
Ellison, Albert Henry
Emslie, John H.
Epp. Frank
Etzkorn, Kenneth Robert
Fish, Frank H. (1st class Honors Physics)
Forrest, Frances Mary
Fraser, Corinne Eadie
Gilchrist, Milton Roy
Gillies, George A. (1st class Honors Chem)
Glen, Irene E.
Gordon, Chester D. (1st class Honors Chem)
Gould, Ray G.
Goward, William G. (1st class Honors Chem)
Graham, William C. S.
Greenfield, Ben A.
Haas, Herbert
Haddow, Thomas A. D.
Halina, Florence
Hamilton, Charles M.
Hankins, Gerald W.
Hardin, Thomas
Harding, John Henry (2nd class Honors Physics
Harman, Robert (1st class Honors Chem)
Hay, Donald L.
Hayhurst, Dorothy M.
Haynes, William Arthur
Haynes, William Sterling
Hay-Roe, Hugh
Helm, Harold W.
Hemphill, C. R.
Henderson, Donald Hamilton
Hergott, Clifford W.
Hetherington, Hilliard C. (2nd class Honors Physics)
Hill, Desmond (2nd class Honors Physics
Holbrook, Bruce W.
Horodesky, Louis Allan
Horton, Donald Roseveare
Hrapko, Julia O.
Huston, Helen Isabel
Innes, Donald Ross
Ivie, Lyman G.
Irvine, John Warren
Janzen, Jacob (1st class standing)
Judge, David Lawrence
Katayama, Mitsura
Kennedy, Lucien J.
Kirkpatrick, Vivian Mary

Kostashuk, George (2nd class Honors Physics)
Krokesh, Harry George
Kyle, William Donald
Lakey, William Hall (1st class standing)
Langille, Donald W. (2nd class Honors Chem)
Lapp, Gordon Esli
Leppard, Ray Emerson
Libin, Lionel M.
McCalla, Robert Irvine
McConnell, F. Charles
McCrimmon, Alex. F.
McCullough, Glenn W.
McCullough, Ross Douglas
McCully, Sheila
McDiarmid, Howard R.
MacDonald, James C. (1st class Honors Chem)
McKeen, James Loring
McKinnell, Walter K.
MacLean, Ronald Stewart
McLeod, Ian Calderwood (1st class general standing)
McLeod, Lionel Everett
MacRae, Cary Gordon
Maerov, Sidney Benjamin (1st class Honors Chem)
Mair, James Alexander
Manuel, Marguerite Grace (1st class general standing)
Marble, Robert Duane
Martin, John Henry (2nd class Honors Chem)
Meindersma, Ernest
Miller, Donald Mallory (1st class general standing)
Miller, Kenelm Cyrus
Miller, Winnifred
Mills, David Charles
Miskew, Adeline
Molnar, George Dempster (1st class general standing)
Morison, Doris Jean
Mortimer, Robert Keith (1st class Honors Physics)
Motiuk, Leonard A.
Mottus, Edward Hugo (1st class Honors Chem)
Mudry, Walter Joseph
Murphy, Vincent John
Nelson, Norman Allan (1st class Honors Chem)
Nielsen, Arne Rudolph (1st class Honors Geology)
Nock, John Russell
O'Donnell, Joseph P. (2nd class Honors Chemistry)
Oeming, Albert Fred
Oszust, Bernard Eugene
Palmer, L. Lamont
Park, Robert G.
Parks, Lucille M. (1st class Honors Maths)
Pawlowski, Joseph
Phillips, Donald Davis (1st class Honors Chem)
Pierce, Gordon Barry
Popplewell, Avis Lucille
Porter, Lois Ada
Radley, Sidney Alan (1st class Honors Physics)
Ramsay, Francis William
Reist, Harvey Allan
Richards, William Robin
Riddle, William John
Ringrose, Charles Alex.
Romanchuk, John
Rooney, Paul G. (1st class Honors Maths)
Roper, James Alan
Rowbotham, Margery Elizabeth
Rudin, Alfred (1st class Honors Chem)
Rudkin, Raymond Alan
Russell, Helen Joy
Ryan, Norma Vaughan
Saunders, John Charleton
Schwarz, Marie Anne
Schwindt, George William
Scott, Robert Foster
Scragg, Richard Dennison
Senger, Frank Joseph
Shepherd, Gordon Harry
Sheppard, Lloyd Weston (2nd class Honors Physics)
Shouldice, David Hill
Shydlowski, Walter
Sigal, John Jacob (2nd class Honors Maths)
Sigurdson, William E.
Skaskow, Walter
Smith, Harcourt Dudley
Somerville, Paul Noble (1st class Honors Maths)

Sproule, Brian R. J.
Stanley, Raymond Floyd
Stewart, Mervin D.
Stretton, Herbert William
Sutherland, Robert Logan
Switzer, Israel
Sylvest, Ove Karl
Taylor, James Ernest
Taylor, Laughlin Barker
Taylor, Nicholas William
Thomson, James MacKinnon (2nd class Honors Geology)
Tidswell, Gwendolyn Ellen
Tompkins, Glen Anthony
Turner, Robert William
Urdal, Mary Louise
Verge, Rovert William (2nd class Honors Maths)
Ward, Charlotte Elizabeth
Wasylewsky, Alex. (1st class Honors Chem)
Watson, Robert H.
Webb, Donald Arthur
Wells, Gordon C. (2nd class Honors Geology)
Wetter, Raymond E.
Whitmore, George Donald
Wiggins, Gerald Arthur
Wight, Norman James
Wiles, R. William
Wilson, Donald Broadribb
Wiltzen, Aaron Olaf
Young, Ira Loeb
Younie, Goerge Ross
Zimmerman, George Ernest

Dr. Gordon moved the adoption of this report, seconded by Dr. Cook. Carried.

The following students were recommended for the degree of

Bachelor of Arts:

Allard, Herbert A.
Armstrong, Dunald E.
Bailie, Marjorie A.
Barilko, Olga Louise
Bartsch, Maxine M.
Bassie, John
Bates, Ormus A. (1st class Honors Modern Languages)
Bisset, Mary Beryl
Blench, Warwick Adams
Boomer, Allan B,
Bowen, Donald Haines
Brennan, William Robert
Brower, Robert Lorin
Brown, Alice Ann
Brown, Doris (1st class general standing)
Brown, John Antliff
Buck, Robert John (2nd class Honors Classics)
Campbell, James
Cauuette, Aline Marie
Capsey, Jessie Evelyn
Chapman, Jack Lang
Chisholm, Lois Blanche
Chubb, Roy Clyde
Clark, Mary S.
Collins, Mary E.
Collins, Roy Saunders (2nd class Honors Psychology)
Crossley, Arthur William
Cruickshank, Kathleen E.
Cush, Harold H.
Davies, John Sidney
Demco, Andrew Duane
Dickie, Robert Daniel (2nd class Honors Psychology)
Dimos, James
Duncan, D'Arcy Douglas
Dyck, Anne
Eckenfelder, Cecile L.
Emslie, Jean I.
Field, George Charles
Field, Mary P.
Findlay, George M.
Fraser, Douglas Thomson (2nd class Honors Psychology)
Gooderham, George Kentner
Greene, Joyce M. (2nd class Honors Modern Languages)
Greenough, Douglas Athol
Hankins, Alison Matthews
Hart, William Curtis
Hartman, Will David

Hope, John McIntosh
Hosking, Alfred J.
Hughes, Mary Marjorie
Hyde, Ralph E.
Johnson, Nancy
Johnson, Robert Vernon
Karateew, Nicholas John (2nd class Honors Modern Languages)
Kennedy, Donald W.
Kennedy, Margaret F.
Lauer, Melvin Morton
Levine, Aaron Lawrence (1st class Honors History)
Lieber, Frank Steve
Linn, James R. L. (2nd class Honors English)
Lott, Walter John
Lucas, George R.
McClung, Nellie Lillian
MacDonald, Angus O.
McGregor, Helen (2nd class Honors English)
McHaffie, Rosalie Ann H.
Mackay, Edward A.
MacKenzie, Arthur Finlay
McKinlay, Clare M.
MacLean, Lawrence David
McPherson, Alex. Blair
McWilliam Helen Isobel
Mahony, John Joseph
Marshall, Percival Charles
Mealing, Stanley Robert (1st class Honors History)
Medhurst, Donald Herbert
Miller, Tevie Harold
Molyneaux, Cecil Henry
Moore, William Kenneth
Noble, Charles Frederick
Oldring, Edward Wright
Otterson, Gertrude Catherine
Oyler, John Edward (1st class Honors Modern Languages)
Patterson, Miles Hodson
Payne, Robert Walter (1st class Honors Psychology)
Powe, Bruce Allan
Reid, Gertrude Shirley
Rennie, Gordon Russell
Reyda, Jerome
Reynolds, Duncan Vincent
Rhodes, Henry Clarence
Robinson, John Luke
Roe, Richard Hillary M.
Russell, Phyllis Jeannine
Saks, Dean
Schilke, Richard
Scott, Arthur Mitchell
Simmons, Errol Robin
Smith, John Richard
Spencer, William Robert
Stainton, Alice Elizabeth
Strate, Grant Elroy
Sweryda, Stephen
Sister Mary of St. Regihe
Teviotdale, Agnes Elizabeth (2nd class Honors Modern Languages)
Thomson, Edna Elizabeth
Turlock, William Peter
Ulasovetz, Violet
Wacko, William John
Walker, Elizabeth Blyth
Walsh, Thomas J.
Warren, Mary Evelyn
Weeks, Robert Andrew
Weir, Margaret Joan
Weitz, Clarisse Ruby
Wheeler, Kathleen Adair
White, Frederick Thomas
Wick, Lawrence Bernard
Willms, Abraham Martin (1st class Honors History)
Willson, Audrey Myrtle
Wilson, Harry Francis
Wiseman, June
Wood, Stephen Hart
Wylie, John Thomas
Zientarski, Marian Walter

Special Cases

Wiseman, June: This student missed History 62 through illness, but in view of her good record, the Revisions Committee recommended aegrotat standing for her in this subject. Moved by Dr. Gordon, seconded by Miss Patrick. Carried.

Brown, Doris: This student took most of her work at summer sessions but had put in a full third year this session. She had obtained first class standing throughout her courses. The Committee recommended that her summer session courses be counted as firsts and that she be granted first class general standing. Moved by Dr. Gordon, seconded by Miss Patrick. Carried.

Cush, Harold: This student was in second year Law but through illness was unable to write his examinations. Although he had not yet applied for aegrotat standing, Dean Bowker assured Dean Macdonald that the Faculty of Law would be willing to grant him aegrotat in all courses in view of his good record. Dr. Gordon moved that he be granted the B.A. degree on the strength of this, seconded by Dr. Cook. Carried.

The following students were reported as having failed to meet the requirements for the B.Sc. degree:

Agnew, Hinds: lacks two seconds and one course
Allan, James F: two failures, lacks one second
Attrell, Kenneth S: three failures, lacks two seconds
Barnett, William David: lacks two seconds
Belot, Robert: one failure
Bertles, Stewart: lacks one second
Bower, Margaret Eleanot: lacks one second
Brown, Everett Leroy; one failure, lacks three seconds
Burge, Charles William: lacks two seconds
Clarke, James H: failed Physical Education
Cornett-Ching, Fred: lacks one second
Costello, John T: lacks two seconds
Cuthbertson, James R: two failures, lacks two seconds
Eagleson, David Alan; lacks two seconds
Finlayson, Morrison H; four failures, lacks three seconds

Fitzpatrick, Arthur: one failure
Gee, Kenneth Stanley: one failure
Gibney, Michael Robert - one failure in Medicine
Grant, James M: two failures, lacks one second
Halliday, James A.: lacks two seconds
Harvey, William J.: lacks one second
Houston, James D: one failure, lacks one second
Howell, Margaret Kathleen: lacks two seconds
Hurlburt, Robert G: one failure, lacks two seconds
Kermack, George D.S.: one failure
Koblanski, John M.: one failure and deferred finals in three subjects
Kryskow, Kasimir Edward: two failures in Medicine
Leitch, Douglas B.: lacks two seconds
Love, Alexander M.: lacks two seconds
McDonald, John Elgin: lacks two seconds
McIntosh, Charles S: lacks three seconds
Mackay, Donald Claude: two failures lacks three seconds
McLuhan, Willam J; one failure, lacks one second
Meikle, John Howard: two failures, lacks four seconds
Mercer, Ernest H.: one failure, lacks one second
Mercer, Richard Albert: one failure, lacks two seconds
Might, Helen Lucille: one failure, lacks one second
Minogue, Melvin Eric: one failure, lacks one second
Morrison, Angus E.: one failure in Medicine
Murray, C. Dana: one failure, lacks four seconds
Murray, Frances Elizabeth: lacks one second
Nichols, George Douglas: lacks one second
O'Connor, Robert: lacks two seconds
Parsons, Willis Henry: lacks one second
Paul, Jean Isobel: one failure, lacks two seconds
Reynar, John Alfred: one failure in Medicine
Robinson, William Harvey: lacks three seconds
Shep, Donald John: lacks one second
Sigal, Simon Julian: one failure, lacks one second
Stephens, Ronald Edward: one failure, lacks three seconds
Stewart, John B: one failure, lacks two seconds
Stewart, Glen Gold: one failure
Sturrock, Robert F.: fourth year Honors Physics; recommended supp. in Math 102 by Honors Committee
Taylor, Adeline Isobel: two failures, lacks two seconds
Taylor, Norman Thompson: lacks one second
Thorpe, Maurice F: two failures, lacks four seconds
Tyler, William Garth: lacks two seconds
Walter, William Iden: lacks two seconds
Wiggins, Elizabeth B.: lacks one second
Worobec, Joseph William: one failure, lacks two seconds
Youngren, Carl Edwin: lacks two seconds

It was moved by Dr. Gordon, seconded by Dr. Cook that the above report be adopted. Carried.

The Chairman mentioned that the proportion of failures in the B.Sc. as compared with the B.A. was quite high. He felt that this was explained by the fact that students not promoted in combined courses reverted to a pass B.Sc. as a last resort and in a great many cases were not suited to this type of course.

Special Cases

Clarke, James H. Mr. Clarkes was reported by the Department of Physical Education as not having satisfied their requirements. The Dean explained that his position would have to be considered by General Faculty Council.

Koblanski, John Mr. Koblanski had been ill for three courses and was granted deferred finals in these. Since he had failed one of the courses he wrote, he was included in the failed to graduate list.

The following students were reported as having failed to meet the requirements for the B.A. degree:

Baker, Milton V.: one failure, lacks one second
Boyd, Daphne G.: lacks two seconds
Brown, Elaine A.: lacks three seconds, two failures
Carter, Ernest L.: lacks three seconds
Clemenger, James E.: lacks one second
Dickie, Catherine: two failures, lacks three seconds
Field, Yvonne: lacks one second
Granik, Jonothan A.: one failure, lacks two seconds
Hobbs, Harry B.: one failure, lacks one second
Lakusta, Lily M.: two failures
Letersky, Michael: one failure, lacks two seconds
Lister, John D.: lacks one second
MacRae, James A.: two failures in Law
Montgomery, Colin Robert: one failure in Law
Ower, Dorothy M. C.: lacks two seconds
Roblin, Murray K.: one failure, lacks one second
Swiniarski, W. Joseph: one failure, lacks three seconds
Thomson, Dorothy M.: two failures
Voisin, Phyllis Doris: one failure, lacks one second
Woodhams, Geoffrey G.: lacks two seconds

Special Case O'Neill, Sheila Monica

Through illness, this student was unable to write any of her four examinations. Although her instrudtors recommended aegrotat standing for her, the Revisions Committee took the view that her record did not indicate that she would achieve second class standing in three out of four of her courses.

which she was required to make this session. Therefore the Committee recommended deferred finals in all subjects.

It was moved by Dr. Gordon, seconded by Dr. Davis that the above report be adopted. Carried.

3. Report of the School of Household Economics

The following students were recommended for the degree of

Bachelor of Science in Household Economics:

Abell, Treva Virginia
Archibald, Marion Laura
Arnold, Joan Margaret C.
Bawol, Helen
Brooks, Rae Marie
Carnochan, Margaret D.
Donald, Elizabeth Anne
Engberg, Lila Eleanor
Forrest, Sheila Mary
Fortier, Blanche Cecile
Johnson, Margaret Catharine
Kendrick, Margaret Frances
Kotch, Ada-Jean Alize
MacDonald, Eleanor Ann
Millar, Dolores Isabel
Morrison, Mary Alice (1st class general standing)
Munro, Mary Elizabeth
Neighbor, Catherine Lavina
Porter, Vera Doreen
Randle, Amelia Margaret
Sands, Myrnie Lillian
Smith, Jean Stewart
Sprung, Sharon Grace
Taylor, Helen Elizabeth
Wilson, Elizabeth Louise
Wilson, Shirley Marie
Woytkiw, Sonia

Special Case Donald, Elizabeth Anne

The above student, in view of illness, was unable to write any final examinations. In view of her outstanding record, aegrotat standing was recommended for her in all subjects. Agreed.

The following students were reported as having failed to meet

the requirements for the B.Sc. degree in Household Economics:

Morris, Joyce A.: lacks one second, average 62%
Paterson, Audrey M.: lacks one second, nearest H.Ec. 57 - 62%
Sauder, Mary Lazelle: lacks two seconds, one failure
York, Nancy-Jean C.: lacks one second, nearest H.Ec. 57 - 59%

Miss Patrick moved the adoption of the above report, Miss Duggan

seconded. Carried.

4. Report of the School of Commerce

The following students were recommended for the degree of

Bachelor of Commerce:

Allan, Edward James
Archibald, Blaine Owen
Armstrong, John Kenneth
Auck, Herbert Richard
Audell, Eugene Charles
Bannerman, Robert Bruce
Barclay, John Munro
Berglund, Runo Carl
Boissevain, Walter William
Bowers, John Daniel
Bradley, Doreen Mae
Bradshaw, Arthur William

Bradshaw, Thomas Richard
Brechin, Jack Dunlop
Bronson, Harold Emory
Buchanan, William DeSilva
Carlson, Elmer Victor
Coulson, Wilbur Gordon
Coughlan, John Walker
Cruikshank, George Kenneth
Donnelly, Laverne Rudolph
Droniuk, William
Duck, John Herbert
Emmott, Arthur George
Falvo, Joseph Charles P.
Ferguson, Lloyd McCuthcheon
Flaherty, Charles Thomas
Fletcher, Leo Raymond
Flynn, Gordon Lyle
Foran, Thomas James
Fowler, John Preston
Fowler, Keith Otis
Fulton, Gregory Byrne
Grainger, William Robert
Hagerman, Douglas Reid
Hall, Donald Alexander
Hollands, George
Hyde, John Elmer
Keam, Murray Thorold
Keroack, Aime Michael
Klovan, August
Knebel, Albert John
Lindow, John Edward
Long, Stanley Arthur
Loomer, Joseph (1st class Honors
Political Economy)
Love, Edwin Philip
Lyons, John Patrick
MacDonell, Charles Alex. (2nd class
Honors Political Economy)
McGillvray, Ronald Stevens
McIntyre, Lois Beth
McKenzie, Richard Munroe
Mackintosh, George Wright
McLaws, James Gordon
Mackie, James Andrew
Mair, Gordon William
Martin, Kenneth Bruce
Millard, Vernon (1st class Honors
Political Economy)
Mulloy, Margaret Belle
Munro, Russell James
Naismith, Don Archibald
Necyk, Jerry Joseph
Nicholson, A. R.
Nykolaychuk, William George
Peach, Jack Harvey
Pemberton, John Edward
Phelps, Donald Alan Ellis
Plotkins, Leon Joseph
Poland, Patricia Arlene
Porter, Kenneth Drysdale
Pullman, Edgar Carl
Rault, Norman Alexander
Rice, Illa Rue
Rogers, Leo Donald
Rookwood, Ralph Maurice (2nd class
Honors Political Economy)
Sadleir, John Cameron
Saffel, Arnold Oscar
Schlader, Roy Andrew
Scott, James Haddow
Seaton, Robert Alexander
Shikaze, Ben
Sinclair, William Thomas - first class
general standing
Speedie, Norman Douglas
Staysko, Robert Francis
Stewart, Paul Erskine
Sutherland, Donald Alvin
Swityk, Peter
Toole, William John Archer
Vanner, William Ewart
Verag, Andrew
Warren, Leonard Ernest
White, John Vernon
Wilson, Clarence Lyle
Wilson, Douglas Murrison - first class
general standing
Wilson, James Wesley
Wilson, John Baird Douglas
Yaremco, Edwin William

Special Cases

Falvo, J.: granted aegrotat standing in Political Economy 67

Grainger, S.: Aegrotat standing recommended in all courses. Medical certificate covering abwence from examinations. So far, this student has achieved first class standing.

It was moved by Professor Stewart, seconded by Professor J. D. Campbell that the above report be adopted. Carried.

The following students were reported as having failed to satisfy the requirements for the B. Com. degree:

Anderson, R. R.: failed Political Economy 52 and 67, lacks two seconds
Bloom, A. G.: lacks two seconds
Burton, G. R.: lacks one second
Colborne, R. B.: lacks three seconds, one failure
Collins, L. D.: lacks two seconds, one failure
Debnam, K. W.: lacks one second, one failure
Edmundson, E.N.: lacks three seconds, one failure
Fitzpatrick, A. J.: one failure
Garland, J.E.: one failure
Greenwood, G. M.: failed Maths 42
Hodgson, K.A.: lacks one second, one failure
Iaonidis, C.: three failures, lacks two seconds
McLachlan, J.W.: two failures, lacks three seconds
Martin, D.F.: one failure
Morgan, J.H.: lacks one second
Paul, R. V.: lacks two seconds, one failure
Robertson, A.V.: one failure, lacks three seconds

It was moved by Professor Stewart, seconded by Professor Campbell that the above report be adopted. Carried.

The Dean mentioned that it had been usual to avoid calling another meeting of Council to deal with undergraduate results. Council agreed to follow this procedure again.

On the recommendation of Professor Salter, Council agreed that all marks between 45% and 50% that were not raised, should be reduced to 45%.

Council empowered the Dean to appoint a Summer Session Revisions Committee for the purpose of dealing with summer session results.

5. Prizes and Awards

Prizes and awards for graduating students were awarded as follows:

Faculty of Arts & Science:

Governor General's Gold Medal - Alexander Wasylewsky

J.E. Olsen Prize in Botany - Marguerite Grace Manuel

Gordon Stanley Fife Memorial Prize in History - Stanley Robert Mealing

Gold Medal in Philosophy - Robert Walter Payne

Duncan Alexander MadGibbon Gold Medal in Political Economy - Joseph Loomer

School of Commerce:

T. Eaton Company's Gold Medal - Douglas Murrison Wilson

Hudson's Bay Company Gold Medal - Douglas Murrison Wilson

Institute of Chartered Accountants Prize - Douglas Reid Hagerman

School of Household Economics:

Warren W. Prevey Memorial Gold Medal - Mary Alice Morrison

The meeting adjourned at 2:45 P.M.

Dean

Minutes of the 418th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber at 4:00 P.M. on Monday, October 3, 1949.

Present were: Dean Macdonald, Chairman; Professors Gordon, Collier, Davis, Harris, Brown, Ryan, Stirrat, D.E. Smith, J.W. Campbell, Greene, Owen, Grayson-Smith, Strickland, Miss Patrick, Glyde, May, Johns, Hardy, Stewart, J.D. Campbell, Mardiros, Mayo, Keeping, Salter, Cook, Nichols, Mueller, Rutherford, Whyte, Scott, J. L. Morrison, Long, Miss McIntyre, Collins, Rice, Miller, Walker, and Mr. Taylor.

The Chairman welcomed the following new members to Council: Professor H. B. Collier, Professor Grayson-Smith, Assistant Professor E. C. May and Assistant Professor M. Faucher.

1. The minutes of the May meeting of Council were approved and signed.

2. Smoking in Classrooms

Referring back to the minutes of April 4, 1949, the Chairman informed the Council that, at a recent meeting of the Deans' Council, the question of University regulations regarding smoking and other matters was considered, and it was decided to send to instructors notification of four regulations in the enforcement of which instructors are asked to co-operate. This notification has been sent.

3. B.A. or B. Sc. following B.Ed.

It was recalled that, last session, a small committee under the chairmanship of Assistant Professor Lewis Thomas had been asked to consider what this Council would require in the way of further Arts courses in order to qualify a student, who had taken the B.Ed. degree, for the B.A. or the B.Sc. The recommendation of that committee was that, if thirteen courses in Arts and Science had been included in the program of the B.Ed. student, a further program of six senior courses with four second class standings would qualify him for the second degree. A special problem had arisen, however, because some B. Ed. students, especially veterans, whose programs had been accelerated, had taken rather special B. Ed. programs which were likely to include only eight or nine Arts and Science courses. The six course-program suggested above did not seem to be adequate in these cases. The Chairman suggested that the committee be asked to reconvene and make recommendations that would cover these exceptional cases.

Professor Salter suggested that a criticism of the B.Ed. degree seemed to be implied in the idea that one form of B. Ed. should be distinguished from another, and asked whether the proper procedure would not be to apply the same regulation to every case of the B. Ed. degree, whatever the student's B. Ed. program had been. The Chairman stated, however, that Dean Lazerte had informed him that certain B. Ed. students, who were expected to proceed in the normal way, deliberately selected certain Education courses instead of Arts and Science courses in order to fit them for special fields of teaching, and Dean Lazerte felt that, where this happened, the student should be asked to make up the deficiency in Arts and Science courses if he wished to proceed to the second degree.

It was moved by Dean Stewart, seconded by Professor Long that the whole question be referred back to the committee. Carried.

4. Report of Committee on Articulation of High School and University Curriculum

The Chairman made some reference to the background of this report which had already been circulated to members of the staff. The report makes recommendations in regard to the modification of matriculation requirements. The report had emanated from the Senate Committee and the plan was to submit it to the various university faculties for consideration with a view to reporting the findings of of the faculties not later than the February meeting of the Senate. This meant that members of the Council should be in a position to deal with it at the November meeting and to make recommendations to be submitted to the November meeting of the General Faculty Council.

5. Recommendations for Degrees:

The following students were reported as having cleared the necessary requirements for their degrees by the end of the summer session, 1949. The Chairman mentioned that the list had already been reported to and approved by General Faculty Council.

For the degree of B. A.:

Brennan, Fea
Broadberry, Walter Hugh
[illegible]
Gerlitz, Henry
Gordon, John Graham
Heffernan, Jerry Wilfred
McMurtry, Eleanor
Melnychuk, Joseph Maurice
Pasechnick, Ann
Pope, Elizabeth G.
Seale, Kenneth Henry
Shandro, Andrew John
Sister Mary Robert
Tillemann, Paul Daniel
Robertson, Olive Allison

For the degree of B. Sc.:

Chute, Edward Clark
Ondrus, Steve J.

For the degree of B.Sc. Household Economics:

Armstrong, Joan
Paterson, Audrey M.
Underhill, Elizabeth G.

It was moved by Dr. Owen, seconded by Dr. D. E. Smith that this Council confirm the action of General Faculty Council in recommending these students for their degrees at the fall Convocation.

6. Results of Supplemental and Special Supplemental Examinations

The Chairman informed the Council that certain students will have cleared the requirements for their degrees as a result of writing supplemental examinations and, in some cases, special supplementals which had not yet been written. This would leave a supplementary degree list to be approved. It was open to the Council either to decide upon a special meeting to deal with these cases or to give the Revisions Committee the necessary power. It was decided that the Revisions' Committee be empowered to recommend these students if the cases appeared to be quite straightforward. Should any cases arise which appeared to raise matters of principle, the Chairman was empowered to call a special meeting of the Council.

Dr. Rutherford asked why, in the case of students who were writing supplementals, the graduation shouldnot be postponed until the following spring. In reply, the Chairman stated that the fall Convocation had now become a well-established institution and if any student was clear for his degree in time to present himself at that Convocation, he should be permitted to do so.

7. Special Cases

(a) Miss F. Wanamaker: This student, in third year Household Economics, failed the supplemental in Physiology 60. She requested permission to register for the course again without attendance except for one hour a week after Christmas. This would enable her to meet the requirements for her degree by taking one course at summer session. Dr. Rice stated that he had no objection to a student taking a course over again without lectures, provided he or she showed himself as being competent in the subject. It was moved by Miss Patrick, seconded by Dr. Rice that her petition be granted. Carried.

(b) J. C. Visser: Last session, this student was at Mount Royal College and was interested in entering B.A., LL.B. He had a matriculation deficiency and was not permitted to enter the combined course. He completed the first year of the B.A. successfully at Mount Royal and wasnow asking for reinstatement in the second year of the combined course. The Chairman expressed the view that combined courses are short cuts to degrees and consequently a rather strict watch should be kept in order to prevent any kind of weakening of the program. The student had been told that the Dean had no authority to admit him to a second year of the B.A.,LL.B. course without the sanction of the Faculty. The matriculation deficiency in science was a result of a Saskatchewan matriculation.

It was moved by Dr. Owen that the student be reinstated in the combined B.A.,LL.B. course. Seconded by Dr. Miller. Carried.

8. Travel Grants by the British Council

The Chairman that if any members of Council were interested in these, information could be had from his office.

9. Calendar Changes

The Chairman reminded the Council that calendar changes, including proposed new courses, would be considered at the November meeting of Council. He suggested, again, that new courses should be proposed with great reserve as they would be subjected to special scrutiny by the committee on time-tables and new courses before they were finally recommended to General Faculty Council.

10. Registration

The Registrar was congratulated for the way in which registration was handled this year by Professor Salter. He felt, however, that there was an unfortunate waste of time for freshmen after they were registered. He wondered if the process could be speeded up now that the system had become efficient. The Chairman mentioned that last session, this issue had been introduced into General Faculty Council by the President for the same reason. A small committee was appointed by General Faculty Council to try to speed things up. Mr. Taylor stated that freshmen were registered on Monday and Tuesday and attended their first lecture on Friday. Physical examinations

Presented a major problem in that they were not completed until noon of Saturday. He felt that the time was not wasted, however, since various tests were given to freshmen during that week. Actually, there were two days involved in registration, two days in physical examinations and test, etc. An extra day or two was also needed for the registration of fourth and fifth year students. He assured Council that, as promised last year to General Faculty Council, in future probably four days would be adequate for registration of all students and that all lectures would start next year on the Friday of registration week.

11. Freshmen Medical Certificates

In answer to a suggestion from Dr. Miller that freshmen should be asked to present medical certificates before their arrival at the University and thus eliminate the time necessary for the medical examination, it was stated that, as these students were to be under the University medical services, it was felt that their medical examination should be conducted by the University medical officers.

12. Attendance at First Meeting of First-year Courses

Dr. Walker drew attention to the fact that in most cases, only first year students turned up to these courses which had their first meeting on Friday of registration week. Mr. Taylor explained that this was due to a misinterpretation of the announcement by upper class students and that next year the announcement would be framed so as to make it clear that all students who are registering in these courses should turn up at the first meeting. In passing, Mr. Taylor thanked members of Council for the very substantial help they had given him during registration week.

The meeting adjourned at 5:00 P.M.

Dean

The following students, having completed all requirements for their degrees as a result of September and October supplementals were recommended for degrees to the Convocation of October 22, 1949.

For the degree of B. A.:

Boyd, Daphne
Field, Yvonne
Hobbs, Harry B.
Lakusta, Lily M.
Leavitt, Clark T.
Lister, John D.
MacRae, James A.
O'Neil, Sheila M.
Roblin, Murray K.
Swiniarski, W. J.
Thompson, Dorothy M.

For the degree of B. Sc.:

Belot, Robert
Bertles, Stewart B.
Bowet, Margaret E.
Cornett-Ching, F.
Costello, John T.
Eagleson, David A.
Fitzpatrick, G.
Gavinchuk, Michael
Gibney, Michael
Harvie, W. J.
Houston, James D.
McBride, Roderick D.
Might, Helen Lucille
Morrison, Angus E.
Reynar, John A.
Shep, Donald J. L.
Stewart, Glen G.
Sturrock, Robert F.
(second class Honors Physics)
Taylor, Norman T.
Wiggins, Elizabeth B.
Williams, Gilbert R.
Nichols, George

For the degree of B.Sc., Household Economics:

Morris, Joyce G.
York, Nancy-Jean C.

For the degree of B. Com.:

Bloom, A. G.
Fitzpatrick, John J.
Hodgson, Kenneth A.
Klein, Hymie
Martin, Douglas F.
Robertson, A. J.
Sandergarth, Lucy Elizabeth

November 7, 1949.

Minutes of the 419th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, November 7, 1949 at 4:00 P.M.

Present were: Dean Macdonald, in the Chair; Professors Mardiros, Collins, J. W. Campbell, Whyte, Gordon, Cormack, May, Owen, Johns, Hardy, Long, Moss, Cook, Wyman, Scott, Stirrat, D. E. Smith, Collier, Rice, Salter, Stewart, Mayo, Ryan, Warren, Folinsbee, Thomas, Grayson-Smith, Miss Patrick, Morrison, Phibbs, Mueller, Lang, Faucher, Greene, Healy, Harris, Brown, Davis, Walker, Miller, Nichols and Mr. Taylor.

The Chairman called for a motion to approve the minutes as circulated. An ambiguity in the first sentence of Item 10 was pointed out by Dr. Campbell. It was agreed to make a change in the sentence construction and with this change, on the motion of Dr. Owen, seconded by Dr. Warren, the minutes were approved as circulated.

I. Special Cases

Dr. Gordon introduced the following cases:

(a) Miss J. Fraser: a third-year student in Household Economics; she requested that she be allowed to attend alternate lectures in Political Economy 62 and Household Economics 57 on Saturday mornings, because of a time-table clash.

(b) Misses R. Shearer, P. Scott and E. Iwashita: third-year students in Household Economics; requested permission to miss one class in Household Economics 45 and Household Economics 57, which clash on Saturday morning, each alternate week.

(c) Miss I. Ferguson: a third-year student in Household Economics; she requested permission to be allowed to attend lectures in Old and New Testament Literature and one hour of the Household Economics 57 laboratory on alternate Saturday mornings.

It was pointed out by Dr. Gordon that the above arrangements had the approval of both Miss Patrick and the instructors concerned. It was moved by Dr. Gordon, seconded by Miss Patrick that their requests be granted. Carried.

II. Calendar Changes

(a) English

A new course was proposed by Dr. Gordon, namely, English 70, A History of the English Language, three hours, to be given by M. H. Scargill. Calendar description: This course is designed to give students a descriptive history of the growth and structure of the English language from the earliest times to the present day.

Text: History of the English Language by A. C. Baugh

Dr. Gordon went on to say that the course, English 104 - A Study of old English (Anglo-Saxon), was no longer a compulsory part of the Honours English program. The Department had decided that the history of the language treated with some fullness would make an interesting course for both pass and honours students, hence the introduction of English 70. English 104 would remain available to Honours students.

It was moved by Dr. Gordon, seconded by Professor Salter, that this course be approved. Carried.

(b) Biochemistry

Biochemistry 54: Dr. Collier referred to a change of title for this course which had been approved in September by the Faculty of Medicine. Since Arts and Science students were involved, he felt it should be approved here also. The title was changed from Pathological Chemistry to Special Topics.

Biochemistry 71: increased to two hours lectures, six hours laboratory a week. This would now be a full course credit. Honours students in Biochemistry would be affected.

It was moved by Dr. Collier, seconded by Dr. Walker that these changes be accepted. Carried.

Biochemistry 104 It was mentioned that this course had already been approved by the Faculty of Medicine but needed the approval of this Faculty also since it was to be available to honours and graduate students in Biochemistry. It was moved by Dr. Collier, seconded by Dr. Rice, that this course be approved. Carried.

(c) Mathematics

(1) Dr. Campbell stated that the course in statistics is at present listed in the calendar as Mathematics 42 with Mathematics 52 for additional topics. Commerce students take one course and one text book while Arts students use another text book. Professor Keeping proposed to introduce different numbers to distinguish the courses. It was suggested that the Commerce course be called Mathematics 42 AND THE Arts and Science course - Mathematics 45.

(2) Designation of Honors courses: Honors courses are at present listed as Mathematics 101 - 107 and Mathematics 125, which might any one of several things. The number and subject had been used to designate which course was being offered in a session. It was now proposed that the Department use different numbers so that each topic would have a number of its own. The Chairman stated that, technically, these constituted new courses in that new numbers would appear in the calendar.

In answer to a question from Dr. D. E. Smith, Council was assured that the content of Mathematics 52 would still be available in the course, 45, to Honours students in various fields.

It was moved by Dr. Campbell, seconded by Dr. Wyman, that the above proposals from the Department of Mathematics be approved. Carried.

(d) Modern Languages

German 72 - a new course.

It was mentioned by Dr. Owen that there is no course which deals with distinctly modernGerman literature. This course would deal with approximately the

the same period as French 72. and would not add any teaching load to the session. It would be offered alternately with German 57.

It was moved by Dr. Owen, seconded by Dr. Mueller, that the agove course be approved. Carried.

(e) Philosophy & Psychology

Dr. D. E. Smith stated that he was proposing a change in description of two courses in Psychology, brought about by the fact that, after a year's experience at giving the courses, the Department was now in a position to describe them more adequately.

Psychology 102 Abnormal Psychology 3 hours

An introduction to the psycho-dynamics of abnormal behaviour as a basis for understanding mental development, neurotic conflict, the psychoneuroses, the functional psychoses, and application of treatment.

Psychology 108 Clinical Psychology & Therapy

The theoretical aspects of therapeutic methods in relation to the psychologist's role in diagnosis and therapy, with practical instruction in interviewing, counselling and other techniques.

It was moved by Dr. Smith, seconded by Dr. Owen, that the above changes be approved. Carried.

(f) Physics

Professor Grayson-Smith introduced the following changes:

(1) Physics 41 The Department had decided to separate pre-medical and pre-dental students from general Arts and Science students in Physics 40 by introducing a new course for pre-medical and pre-dental students, namely, Physics 41 - three hours lectures, two hours laboratory. This would be a general course in the fundamentals of Physics, including mechanics, properties of matter, heat, sound, electricity and light, illustrated by experiements. Text: College Physics, Burton, Smith and Quinlan.

Professor Grayson-Smith pointed out that Physics 40 is primarily intended for students who are going to continue with senior courses in Physics. It contains no electricity which is important for medical students. The new course would not increase time-table difficulties since it would simply replace an existing section of Physics 40.

(2) Physics 54: Molecular, Atomic and Nuclear Physics

three hours lectures only instead of three hours lectures,
three hours laboratory

(3) Physics 55 - Advanced Laboratory - three hours laboratory only

Methods in experimental atomic physics, introduction to modern laboratory techniques. Restricted to Honours students in Arts and Engineering Physics.
Prerequsite: Physics 54

By way of explanation, Dr. Grayson-Smith stated that the change involved removing the laboratory from Physics 54 and making a new laboratory course, Physics 55. At present, students who follow the normal course in Honours Physics have run into nine hours of laboratory in their third year and only three hours in their fourth year. Physics 54 would now appear in the third year and Physics 55 in the fourth. He stated further that there would be no academic difficulty involved as it was not necessary that the laboratory be given in conjunction with the lectures.

(4) Physics 100 - to be deleted. This course has not been given for several years and some of its content is being worked into Physics 101 this year.

(5) Physics 101 - a change of title. This course would now be known as Thermodynamics and Kinetic Theory: the principles of thermodynamics with applications in Physics, the kinetic theory of gases, problems of heat transfer, entropy and probability.

Text: Heat and Thermodynamics (Zemansky)

(6) Graduate Courses

It was pointed out that courses which are actually given this year as graduate courses appear as Physics 103 - Atomic Theory, and Physics 104 - Selected Topics. It was proposed that 104 be now called Nuclear Physics and that Physics 105 appear in the calendar as "Selected Topics".

(7) B.Sc. Physics pattern

The third-year selection should now read: "two of Physics 48, 50, 56, etc."

It was moved by Dr. Grayson-Smith, seconded by Dr. D. Scott, that the above changes and new courses be approved.

There followed considerable discussion, during which it was established that the new course, Physics 41, was needed for pre-medical students particularly and from that standpoint, the change was considered very desirable. Dr. Whyte raised the question of Physics 41 for students in the biological sciences instead of the compulsory Physics 40 which now appears in those patterns. He stated that such students take only the one physics course and he felt that a terminal course such as Physics 41 would be highly desirable for such students. Dr. D. E. Smith supported this point with regard to students in Honours Psychology. Dr. Grayson-Smith pointed out two difficulties in this connection:

(a) If the course were to be thrown open to other students, the matter of extra sections would enter into it and this would, in turn, involve time-tabling difficulties;

(b) Students in the first year of Arts might select this course, which is not a prerequisite to senior physics courses, and then find later on that they were not so well fitted to proceed to senior courses in physics.

It was noted, however, that this difficulty would not apply to people in the biological patterns since the physics course appeared in the second year. Professor Thomas pointed out another difficulty concerning transfers from B.Sc.,M.D., B.Sc.,D.D.S. and Pre-Dent to B.Sc. An awkward situation would arise if these students were not to be credited with Physics 41 towards a B. Sc. degree. Dr. Grayson-Smith felt that, in the case of transfers, some allowances could be made in this respect. It was felt that eighty would be the maximum that could be handled in one laboratory. Dr. Miller suggested that the new course would be an improvement over the present Physics 40 for students in the biological patterns.

The motion was finally put in this form: that the changes as submitted by Dr. Grayson-Smith appear in the calendar, with a note to the effect that Physics 41 is primarily intended for B.Sc.,M.D., B.Sc.,D.D.D.S and Pre-Dent students. Further investigation would be carried out to determine how far it was possible to admit other students to the course.

The Departments of Chemistry and Mathematics were assured that the courses Physics 54 and 55 could both be taken by Honours students in those departments or only one of them if the department concerned so desired.

The motion was put to the vote and carried.

(g) Political Economy

(1) Graduate Courses: Professor Stewart stated that these have heretofore been listed in the calendar as from 120 upwards. He proposed a new graduate course, Political Economy 133 - Political Theory - an advanced reading course. He explained that a number of graduate students were looking for a program including more political science and political theory. At present there was provision for one graduate reading course in political science so that the introduction of Political Economy 133 would provide a second course, with advanced study in the field covered by Political Economy 63.

(2) Political Economy 103 - to be deleted, and the content incorporated into Political Economy 62, 101 and 102. Political Economy 105, a general reading course, was to be substituted for 103, open to Honours and graduate students. Professor Stewart pointed out that these last two changes would be subject to modification after further consideration by the Department of History since their students would be affected by the deletion of 103.

Professor Stewart moved that the above changes be approved, seconded by Dr. Mayo. Carried.

III. Report of Committee Concerning B.A. or B. Sc. after B. Ed.

The latest report of the Committee was read by Professor Thomas

> "Students who have qualified for the degree of B. Ed. may proceed to the degree of B.A. or B.Sc. by taking six senior courses in the Faculty of Arts and Science, these to be approved by the Dean of that faculty. Students lacking the full matriculation to the Faculty of Arts and Science will be required to take seven courses, one of which may b be a junior course. Those having fewer than thirteen Arts and Science courses in their B.Ed. program may be required to complete additional courses. At least four of the senior courses taken after the B.Ed. must be completed with second class standing."

The difficulty in administering the regulations as they stand appears to arise from the fact that students proceeding to the B.Ed. via the accelerated course have fewer than thirteen Arts and Science courses, in some cases as few as eight. As most of these students are school teachers trained in the Normal Schools, or veterans, or both, there seems to be an injustice in enforcing the regulations too rigidly in these cases, as it may be reasonable for the Faculty of Arts and Science to recognize concessions granted by the Faculty of Education. However, the calendar regulations require students in the four year program leading to the B.Ed., except those qualifying for the Senior Elementary and Intermediate School Certificate and those selecting options prescribed for the Kindergarten Primary Certificate, to take a minimum of thirteen Arts and Science courses, and those taking the three year program, a minimum of twelve. As the three year program is understood to have been virtually discontinued, the majority of Bachelors of Education interested in proceeding to the B.A. or B.Sc. may be expected in the future to have at least thirteen Arts and Science courses. There will, of course, continue to be exceptions, but it is the Committee's opinion that the present regulations should in essence be maintained, with a minor change to leave the administration of special cases to the discretion of the Dean of the Faculty of Arts and Science.

> The Committee believes that in determining the number of courses that a student should be required to offer beyond the six or seven, the Dean should be guided by a number of considerations. Of these the most important is the record of the student. Although normally a student with twelve Arts and Science credits should be required to offer one additional, a student with eleven two, and so on, in each case the program might be reduced if the student has superior standing in the Arts and Science courses in his B. Ed. program. This reduction would be analogous with the reduction from five to four courses permitted in the third year of the B.A. and B. Sc. In making this concession the proportion of junior Arts and Science courses in the B. Ed. program should be considered, the Committee holding that it should not be made at all if more than five junior courses are offered. The Committee also believes that Education 476 and Education 492, althouth compulsory for the B. Ed., should be recognized as Arts and Science courses for the purpose of administering this regulation."

Professor Thomas moved the adoption of this report, seconded by Dr. Davis.

Professor Salter raised the question of a deficient matriculation. He felt that, if a student who entered Education with a lower matriculation than that required by Arts was able to complete University courses and obtain a B. Ed., the fact that his matriculation was deficient should not enter into the question of what is going to be required of him for a B. A. He moved that such students should not be required to take an extra course to make up for matriculation deficiencies. This amendment was seconded by Dr. Walker. Carried.

The report as amended was put to the Council's vote and carried.

IV. Report of Committee on Articulation between High School and University

This report had been in the hands of members of Faculty for some time and the discussion of it may be summarized as follows.

(a) General Background

The Chairman reminded the Council that the report had come to this Council via the Senate and that it should be disposed of before the next meeting of that body in February. The report dealt with suggested changes in matriculation requirements but the Senate Committee in question had at least one other matter in their terms of reference, namely, the exploration of ways and means of getting the high school students to University at an earlier Apparently this matter had not been investigated.

(b) Present Matriculation Requirements

The Chairman briefly outlined these and drew attention to two points at which flexibility had been introduced into the requirements: (1) students who could give evidence that they could not secure the third unit of a foreign language in their own school could be admitted with that deficiency and asked to remove it while in University; (2) students who were deficient one matriculation requirement, either through failure or other cause, and whose average in other subjects was high (75%) could be admitted and asked to remove the deficiency in their first year of University. Very few cases had appeared under this heading.

(c) The Two-track Arrangement: Academic and Non-academic

Dr. Wyman suggested that this might be the best solution of the problem and Professor Long asked why this idea, which he knew had been suggested at various times, had always been finally rejected. The Chairman stated that, so far as he was aware, the real difficulty was that there appeared to be an objection to the whole principle of two different types of high school and efforts to set up wuch different types had been defeated because both parents and pupils seemed to consider that a certain stigma was attached to any but the academic type of course. Dr. D. E. Smith stressed the further consideration that any attempt to achieve this kind of separation in the high school, whether it was done either from a desire to separate non-academic from academic students or to prepare academic students for different faculties in the University was premature and undesirable at that stage as it assumed that the selection methods which would be employed are more reliable than is really the case. Even after coming to the University, a student should be in a position to change his plan without too much penalty.

The Chairman suggested that Dr. Smith had raised a rather basic consideration and went on to remind the Council that a year ago, another representation had come from the Senate calling upon the University to moderate the emphasis on vocational and technical aspects of education in favour of an emphasis on general education. Dr. Hardy in this connection, pointed out that there was a question of educational philosophy involved and that the present Council would need to decide whether it was in agreement with the underlying philosophy of the document or, if not, what its own philosophy should be. Matriculation requirements should be governed by this general educational philosophy.

(d) The Department of Education's Problem

Professor Salter expressed sympathy with the outlook of the Department of Education and considered that it had a genuine problem on its hands in furnishing an educational plan for the large number of students in the high school who would not go to the University in any case. The tendency was to devise special types of programs and subjects that would be suitable to these students.

The Chairman agreed that the Department of Education was faced with a genuine problem and suggested that the Council should not lose sight of that fact when dealing with the present document.

(e) Admission After Grade XI

Dr. Folinsbee suggested that the best solution might be to admit students with Grade XI standing and give them a general preparation which would equip them for entrance into particular faculties. The Chairman pointed out that it appeared from the document that the University representatives on the Committee had suggested this plan and that it had been rejected on the ground of expense. Dr. Walker confirmed this and remarked that in 1945 when the Committee first met, there had been some discussion directed to this possibility but the question had not been raised again. The next meeting of the Committee was in April, 1949 and the present document was the result of that meeting. He further pointed out that the University representatives had expressed themselves as not being particularly satisfied with the final recommendations.

(f) Value of High School Preparation for University Courses

Professor Stewart stated that he would be interested in knowing how much was assumed in the way of preparation by University departments whose students had matriculation standing in their particular subjects. In his own field, the practice was to assume no previous knowledge. Dr. Walker stated that students with Grade XII Chemistry could usually be expected to start one third of the way along in a junior course. Dr. Campbell was of the opinion that it was important for the students to have Grade XII mathematics. Professor Stewart suggested in this connection that the University was faced with a serious problem which concerned not students with matriculation deficiencies but students who cleared matriculation requirements with an average in the low fifties. It was almost inevitable that such students would be recommended or required to withdraw at the end of their first year and in the meantime, they were a liability on the University itself. More flexibility could, perhaps, be admitted into matriculation requirements if it were possible to devise some means of getting students who were sound University materials.

(g) The Practical Problem

Summing up, the Chairman suggested that the practical problem with which the Council was faced was to make any concession which could be made that would relieve the pressure on the high school program without surrendering something the University considered vital. In this connection, moreover, it might be desirable to ask the Department of Education whether it could not modify its own high school programs so as to make it possible for students who are headed towards the University to take courses which they are now precluded from taking. He referred to prepration in a second foreign language. Dr. Johns remarked that there was no actual difficulty about their taking two foreign languages but the students were simply not allowed to take them as an additional foreign language would interfere with the non-academic electives.

The Chairman suggested that a special meeting of Council be called and that in the meantime a small committee be slated to study the Report further and present specific proposals for presentation to the General Faculty Council at the end of the present month. The Council agreed to this suggestion and it was decided to hold a special meeting on Tuesday, November 22nd.

The Chairman drew attention to another type of proposal for dealing with the whole matriculation problem. This would involve direct participation by the University. While no doubt several arrangements of this kind were possible, he referred specifically to an arrangement whereby the University would accept the High School Diploma as a first requirement for matriculation, leaving the Department of Education and other authorities to constitute that diploma on any lines they might think desirable. The second step, however, would be an examination set by the University itself, this examination being aimed at assessing the student's basic preparation along certain lines, in particular his ability to write correct English and to understand the basic principles of mathematics, with possibly a test in the reading of a foreign language or, as an alternative, a rather exacting examination on the fundamentals of English grammar. He suggested that such a proposal, which is obviously a radical one, should not be regarded as on the agenda of the Council for the present. Their present task was to come to terms with the recommendations in the document of the Articulation Committee. At the same time, the Council would do well to turn over in their minds the possibilities of this more radical procedure as later on they might be asked to express an opinion on it.

V. The Chairman read a letter from the President regarding non-academic staff in which it was stated that non-academic staff members should not be held in positions long after they have reached the salary ceiling if there are other better positions available in the University for which they are qualified. The letter further stated that academic staff members served by non-academic people should seek the cooperation of the Bursar in finding promotional opportunities for those who deserve it.

VI. A letter from Mr. F. T. Rosser of the National Research Council was read by the Chairman regarding applications for grants for research. A portion of the letter is as follows:

> "Applications for grants, to provide for research work during any fiscal year (beginning 1 April), must be received before 1 February. Decisions on applications will be made in March of each year.

Mr. Rosser went on to say that it was important that this deadline be observed as subsequent applications might not receive any consideration. New application forms would be available in the Registrar's Office and all old forms should be destroyed as they were now obsolete.

VII. The question concerning the temperature of the Senate Chamber was again raised. Council went on record as being in favour of some action being taken in this regard. The meeting adjourned at 6:05 P.M.

Minutes of a special meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Tuesday, November 22, 1949 at 4:00 P.M.

Present were: Dean Macdonald, in the Chair; Professors Mayo, Salter, Cook, Johns, Gordon, Harris, Davis, J.W. Campbell, Mueller, Stirrat, Strickland, Warren, Moss, Folinsbee, Ryan, Whyte, Owen, May, Hardy, Phibbs, Jones, Morrison, Thomas, D.E. Smith, Healy, Faucher, Greene, Eaton, Grayson-Smith, J.D. Campbell, Rice, Miller, Scott, Miss Patrick, Stewart, Walker and Mr. Taylor.

As this was a special meeting, the minutes of the last meeting were not dealt with. The Chairman asked Dr. Hardy, Chairman of a Committee to examine the recommendations of the Report submitted by the Committee on Articulation of High School and University, to submit his report. The report was in two parts, the first dealing with more general matters of educational philosophy and the second presenting specific recommendations. In order to save time, it was decided to direct the discussion to the specific recommendations.

I. Waiving of Prerequisite Courses to Grade XII Subjects

The Committee recommended that Grades X and XI prequisites be not required as they are now. This would have the effect of introducing a measure of flexibility, especially where foreign languages are concerned. The Committee was of the opinion that it would be possible for some students, if not all, to reach the Grade XII standard after two years of study instead of after three as is now required. It was noted that the Department of Education has at present an arrangement for admitting adult students to the Grade XII examinations directly without insisting on the prerequisites. The same arrangement was carried out with veteranstudents. It was suggested that this privilege might be made general. Professor Rice, in this connection, suggested that awkward administrative problems might be created for the Department of Education.

II. A Minimum Matriculation

Dr. D. E. Smith, a member of the Committee, explained that the Committee's report recommended a minimum matriculation rather than one matriculation to be applicable to all faculties. The minimum matriculation implied that a student might be admitted to the University while still deficient certain requirements for the particular faculty he was selecting and he would be required to remove these deficiencies. He would not, as now, be asked to spend another year in High School.

III. Social Studies III Optional

The Committee recommended that the Grade XII unit of Social Studies be not made compulsory but be listed, along with other options which the matriculant might offer if he so desired. In this connection, Dr. Hardy pointed out that the present requirement calling for two units of Mathematics at the Grade XII level was being modified so that only one unit, Algebra 2, is required and the second unit, Trigonometry and Analytical Geometry, is listed among the options. He felt that, in view of this concession, the Department of Education might be willing to accept the suggestion in regard to Social Studies 3. The Chairman expressed his opinion that the Department would probably be reluctant to accept this proposal but in any case, it might be made the occasion for some revision of the Social Studies 3 program. While much of that program was excellent, there is still a good deal of it which, under the name of contemporary history, is apt to be taken up with rather ephemeral personalities and events.

Dr. Mayo questioned the wisdom of the one subject of Grade XII which deals with such topics as History and Geography and which has distinct value as general education, being dropped. He felt that, if something had to be sacrificed, it should be scientific subjects rather than social studies. Dr. Mayo went on to state his opinion that a modern University is called upon to accept a much larger proportion of the general population than heretofore and consequently, it might be necessary to admit students who had not satisfied the requirements of a complete matriculation program. He indicated that this situation could only be avoided by the setting up of junior colleges to deal with students who had not the aptitude for scholarly or scientific studies. Dr. Salter expressed himself as in agreement with Dr. Mayo's point of view and suggested that complete latitude should be given to the high schools in their effort to cope with an exceedingly difficult problem. As things are, the University requirements merely tend to complicate the problem still further for the Department of Education.

IV. Retention of the Foreign Language Requirement

Some discussion took place concerning the Committee's recommendation that a foreign language at the Grade XII level be required for University matriculation. Dr. Mayo suggested that the learning of the foreign language might be postponed until University entrance. Professor Salter was of the opinion that it was no part of the University's business to force the retention of the foreign language in the high schools. Dr. Owen and Dr. Hardy were both of the opinion that the offering of a beginner's language for one session at the University was not an adequate substitute for the two or three years that might be devoted to this subject in the high school. The Chairman suggested that the withdrawal of the foreign language requirement might have the effect of causing French and Latin to disappear largely from the schools of the province, and so far as French was concerned, this was a doubtful step for a University in this province or in Canada to take.

V. Requirements of Other Faculties

Dr. Hardy had already pointed out that, in view of the special position of the Faculty of Arts and Science, the Committee had thought it best to offer suggestions concerning matriculation requirements by other faculties. It was explained that these were merely suggestions and that such suggestions in particular would need to be considered by the General Faculty Council.

VI. Students with Special Aptitudes

Professor Rice pointed out that the report made no provision for dealing in a special way with the occasional student who seemed to be unable to meet all the requirements of matriculation but who, on the other hand, seemed to have special aptitude which could fit him for University training. Dr. Warren also pointed out that consideration should be given to the question of introducing further flexibility by expecting a higher than B standing in certain subjects to compensate for a deficiency in some other subject or subjects. He pointed out that, as a matter of fact, the students who enter the University with an average in the fifties are not infrequently recommended to withdraw at the end of the first year.

The Council waa prepared, at this point, to deal with Dr. Hardy's motion, seconded by Dr. Walker, that the Report as a whole be approved and submtted to General Faculty Council.

Professor Andrew Stewart moved an amendment that a statement be added to the Report, providing for special consideration for students who appeared to have particular aptitudes even though they had a matriculation deficiency. Professor Stewart's addendum was as follows:

"The Council is prepared to consider still further flexibility in matriculation requirements if it is possible to arrange for special consideration for students whose standing in one or two subjects is so far above the ordinary required B level (50%) as to indicate some special aptitude which ought to be developed."

Dr. Hardy stated that he was prepared to accept this addition to his motion if the rest of his committee approved. On the other members of the committee giving their approval, the motion was then put and passed with thirty-two members in favour and three opposed. A copy of the report is attached to these minutes.

The meeting adjourned at 6:05 P.M.

Dean

Minutes of the 420th meeting of the Council of the Faculty of Arts & Science held in the Senate Chamber on Monday, February 6, 1950 at 4:00 P.M.

Present were: Dean Macdonald, in the Chair; Professors Folinsbee, Collins, Collier, Lang, May, Owen, Hardy, Warren, Thomas, Mayo, Mardiros, Healy, J.W. Campbell, Grayson-Smith, Johns, Stirrat, Salter, Orchard, Jones, Gordon, Scott, Miller, Mueller, Greene, Whyte, Cook, D.E. Smith, Brown, Davis, Harris, Keeping, Glyde, Stewart, Gowan, Miss Patrick, Mr. Taylor.

The Chairman asked for a motion for approval of the minutes of the last regular meeting of Council. Dr. Collier moved their approval, Dr. Whyte seconded. Carried.

I. Special Case - B. J. McDonald

Mr. McDonald, a third year Arts student, intended to go to Carleton College, Ottawa, to complete the course in Journalism. One of their requirements is Canadian History. The student had hoped to get it in the summer session but just before Christmas, he discovered that it would not be offered. The Department of History gave him permission to register in the course at Christmas as a fifth course. This was approved, pending the sanction of the Council.

It was moved by Professor Salter that his petition be granted. Seconded by Dr. Lang. Carried.

II. Nomination of a Member of the Faculty for the Nominating Committee of the Faculty Relations Committee

Dr. Cook was nominated by Dr. Johns but pointed out that he was already on the Faculty Relations Committee. Dr. Healy was then nominated by Dr. Hardy but Dr. Cook mentioned that the Nominating Committee is appointed for one year, and it might have to be reassembled if some member of the Faculty Relations Committee dropped out. In that case Dr. Healy would not be available since he would be away next year. Dr. D. B. Scott was nominated by Dr. Healy, seconded by Dr. Smith. No further nominations were made and the Chairman appointed Dr. Scott as this faculty's representative on the Nominating Committee.

III. Matriculation

The Chairman explained the background of the renewed discussion of this topic at the present meeting. The recommendation of the Faculty of Arts and Science had been presented to General Faculty Council and it had been circulated for the attention of other faculties. It appeared that there was very little chance of agreement among the faculties on the basis of the Faculty of Arts and Science report. In the meantime, the Faculty of Education had requested General Faculty Council through the Chairman (Dr. Newton) to have a special joint committee of the Faculty of Arts and Science and the Faculty of Education confer with a view to agreeing on a common proposal. This joint committee considered a five-unit matriculation with a possible 65 as the passing mark. When this five-unit proposal was mooted at the January meeting of General Faculty Council, difficulties were brought to light which affected certain faculties and schools in particular. As a consequence, the President was asked to appoint a committee of General Faculty Council to reconsider this situation as it then stood. The personnel of this committee, which was representative of the faculties and schools in connection with which special difficulties had arisen, was as follows: Dean Macdonald, Convenor; Dean Hardy, Dean Sinclair, Dean Lazerte, Dean Stewart and Dr. Huston. That committee was now proposing a six-unit matriculation with a 60 pass mark, and it was asking the Faculty of Arts and Science to consider it. If the Faculty approved,the proposal would then be submitted to the other faculties for action. An outline of the proposal is as follows.

It is required that matriculants from the High Schools of Alberta shall have:

(a) a high school graduation diploma with
(b) credit in the prescribed Grade XII options as set forth below, and
(c) an average of 60 in English 3 and Social Studies 3 of the diploma, and the prescribed options.*

Prescribed options for B. A. patterns (languages, literature, fine arts)

Either (A)	Or (B)
a foreign language	a foreign language
a second foreign language	3 of other academic courses
2 of other academic courses	

Prescribed options for B. A. patterns (History, Political Economy, Philosophy & Psychology)

Either (c)	Or (D)
a foreign language	a foreign language
3 of other academic courses	Algebra 2
	Trigonometry & Analytical Geometry
	one of other academic courses

Prescribed options for B. Sc. patterns (Physical Sciences, Mathematics, Physics, Chemistry, Geology)

Either (E)	Or (F)
a foreign language	Algebra 2
Algebra 2	Trig. & Anal. Geometry
Trigonometry & Anal. Geometry	Physics 2
Physics 2 or Chemistry 2	Chemistry 2

Prescribed options for B. Sc. patterns (Biological Sciences - Botany, Entomology, Zoology)

Either (G)	Or (H)
a foreign language	Algebra 2
Algebra 2	Physics 2
Physics 2	Chemistry 2
Chemistry 2	Biology 2

* Students from the High Schools of Alberta may be admitted with 3 of the 4 prescribed options, provided their average in English 3 and Social Studies 3 of the diploma and the three prescribed options, is at least 65.

The Chairman explained that the proposal was presented in this particular form for the sake of convenience and that it was not the form in which it would appear in the calendar. Considerable discussion, in which most members of the Council participated, followed.

The first difficulty that appeared concerned the proposal to make the second unit in mathematics optional for certain B. Sc. students, particularly for those leaning towards the biological sciences. Professor Campbell pointed out that, if such students wished to avail themselves of the option of Mathematics 42 (Statistics), they would be handicapped by ignorance of analytical geometry. Professor Grayson-Smith pointed out that some knowledge of Trigonometry and Analytical Geometry was desirable for a student proposing to take a University course in Physics. The Chairman expressed the opinion that there was something anomalous in the fact that a student who had been brought to the level of the calculus in Algebra should not be equipped to enter an elementary course in statistics or in Physics, and that the matter seemed to need investigation.

Certain members of Council, in particular, Dr. Hardy, Dr. Owen and Dr. Johns, expressed the opinion that it was undesirable to admit B.Sc. students without a foreign language and that the present proposals made this possible. They further expressed the opinion that the tendency of such a proposal would be towards eliminating the teaching of foreign languages in the schools. In answer, it was pointed out that the proposal, while not making it manadatory for a B.Sc. student to offer a foreign language, did leave it open to him to present that subject. It appeared, however, that, if he did offer a foreign language, he would be lacking either a unit in mathematics or a unit in science (either Physics or Chemistry). In this way, he might be penalized by finding himself out of step with other students who had offered two units of mathematics and two units of science. This again appeared to be a matter that called for further investigation, for it was felt to be undesirable positively to penalize a B.Sc. candidate who offered the foreign language.

Reference was also made to the footnote which aimed at making it possible for a student with a high average to enter with a deficiency. There is a question of how that footnote should be interpreted. The Chairman stated that the different faculties would probably put their own interpretation on it if they did not actually reject it. It did not seem to be necessary to go into details on that particular point at the moment.

Professor Jones suggested that the proposal called for specialized matriculation programs and in this way seemed to impose on the student a decision at the high school stage as to what University Faculty or School he proposed to enter. He felt that this was undesirable and that we should have a matriculation which would admit to any Faculty. The Chairman stated that, actually, such a common matriculation existed now and it was a seven-unit matriculation. The seven-unit matriculation had been represented for a considerable time as imposing a hardship on the high schools by seriously reducing the time to be given to non-academic electives. It was this very difficulty that we were now trying to meet.

Dr. D. E. Smith felt that the proposal meant a relaxing of educational standards and he felt that this Faculty, which above all others is concerned with a general education, should not be party to any such step. Commenting on this, the Chairman suggested that the real question before the Council was whether the apparent lowering of matriculation standards implied in the elimination of one matriculation unit was or was not adequately compensated for by the raising of the pass mark from 50 to 60.

The Council now turned to the motion which had earlier been made by Professor Warren and seconded by Professor Salter:

"that the present proposal be approved by this Council and referred to other faculties for action."

It was agreed to append to this motion the following riders:

(1) That the High School Diploma should be required, provided it did not necessitate an extra year in Grade XII.

(2) That the "60" referred to should continue to mean the same proportion of the population writing the particular examination as it now meant.

(3) That representatives of certain departments should get into touch with representatives of the Department of Education regarding the specific matters of articulation that appeared to give rise to difficulties.

(4) That the possibility of a student taking two foreign languages during his high school career should be explored.

Dr. Gordon suggested that this investigation should be in the hands of a special committee appointed for the purpose and not left to informal discussions between individual departments and members of the Department of Education. With these riders attached, the motion was then put.

In favour: 20; Against: 12. Motion declared carried.

IV. Notice of Motion

Dr. Healy gave notice that he would move the following at the next meeting of Council:

"that the University of Alberta discontinue the practice of granting Honours degrees with first and second class Honours and henceforth grant the degrees with first class Honours or with Honours.

The meeting adjourned at 6:00 P.M.

Dean

Minutes of the 421st meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on March 6, 1950 at 4:00 P.M.

Present were: Dean Macdonald in the Chair; Professors Keeping, Mayo, Stewart, Thomas, Collins, May, Owen, Salter, Faucher, Greene, Healy, Lang, Cook, Gordon, Miss Patrick, Miss McIntyre, Cormack, Whyte, Stirrat, Smith, J. D. Campbell, Ryan, Wyman, Scott, Morrison, Strickland, Long, Rice, Miller, Davis, Grayson-Smith, Warren, J. W. Campbell, Gowan and Mr. Taylor.

It was moved by Dr. Healy, seconded by Dr. Lang that the minutes of the previous meeting be approved as circulated. Carried.

I. Six-Unit Matriculation

The Chairman reported that the General Faculty Council had given conditional approval of the six-unit matriculation programme as passed by this Council at its last meeting. Approval was conditional on the removal of certain difficulties in regard to the articulation of high school and University courses, particularly in mathematics and foreign languages. The General Faculty Council appointed a special committee to confer with representatives of the curriculum committee of the Department of Education.

II. Second Class Honours

It was moved by Dr. Healy, seconded by Dr. Owen:

> "that the University of Alberta discontinue the practice of granting degrees with First and Second Class Honours and henceforth grant degrees with First Class Honours or with Honours."

Dr. Healy expressed the opinion that the term "second class honours" tended to convey a rather derogatory connotation and he felt that that was an unfortunate impression to create in connection with a student who had been successful in securing an honours degree. Professor Keeping expressed disagreement with the motion and felt that the two classes of honours should be distinguished by the terms "first class" and "second class". Professor Grayson-Smith concurred with this view and suggested that employers were always interested in distinguishing between students who were definitely considered first class and students who were not so classed by the University. The present arrangement makes clear to the prospective employer what type of man he is getting. Most members of Council, however, appeared to agree with Dr. Healy that there was a certain stigma implied in the term "second class" and in view of the fact that the distinction between the two classes could turn on the matter of a few marks, any such stigma was undesirable. Dr. Rice suggested that there was apt to be confusion in the minds of many people as to what an honours degree really implied, some taking it to mean simply a more specialized type of course, others regarding it as essentially a matter of distinction. The Chairman remarked that the honours degree really ought to carry both implications as it was only a superior type of student who was permitted to continue in it. Other suggestions were made, namely, that the terms "cum laude" and "summa cum laude" could be used or the term "with distinction".

The motion was then put. For: 22; against: 9. The motion was declared carried.

III. Proposed New Course in Jewish History and Culture

The Chairman read a letter from Mr. S. S. Lieberman, the secretary of the B'nai B'rith organization in Edmonton, requesting the Council to approve a course in Jewish History and Culture for which University credit would be given. The Chairman explained that he had seen Rabbi Hurwitz and had discussed the general idea with him. The rabbi had expressed the view that the course would be valuable to other than Jewish students and should be thrown open generally.

In answer to a question, the Chairman pointed out that such a course would not be at all comparable to the present Hebrew course taught in St. Stephen's College which was lited as one of the theological options. This was strictly a course in the Hebrew language and was restricted to students in theology.

Several members of the Council felt that the suggestion was interesting and should be looked into further. After some further discussion, it was moved by Professor Warren and seconded by Professor Ryan that the Chair appoint a small Committee to investigate all aspects of the proposal and report to the next meeting of the Council. Carried.

IV. Personnel of the Revisions Committee

The Chairman read a letter from Dr. Cook in which it was suggested that the organization of the Revisions Committee be modified so as to give more members of the Council an opportunity of acting on this committee and securing the valuable experience associated with that work. The membership of the committee as now constituted is permanent. It was suggested in Dr. Cook's letter that the committee consist of four members on a rotating plan and that, in addition to these four members, Dean Stewart and Professor Patrick should be members ex officio. Professor Salter moved that this general principle be approved and further, that the Chairman of the committee be appointed for a period of four years after having served at least one year on the committee. The motion was seconded by Dr. Whyte and carried.

Dr. Warren drew attention to the possible advantage of having the Chairman made permanent. It was pointed out, however, that, at the April meeting of Council, the personnel of the committee would be appointed and the Council would have an opportunity of considering Dr. Warren's suggestion in the meantime.

V. Tentative Registration

The Chairman warned members of Council that tentative registration forms would be distributed to students within the next few weeks and that students would be asking department members for advice regarding their course selection. For the convenience of staff members, a mimeographed list of available course for next year would be distributed to all departments.

VI. Supplemental Marks

Professor Salter stated that he wished to re-raise the whole question of the method of arriving at a supplemental mark. The regulation now in force permits the inclusion of marks for term work but not for class tests for the purpose of estimating supplemental standing. Professor Salter pointed out that the Department of English has diligently tried to observe that regulation but it is proving a very awkward one. Dr. Gordon supported Professor Salter's statements and expressed the view that the new regulation doesn't operate in the way in which it was intended. While it was intended to give the student rather more generous treatment, in point of fact it can work in the reverse way.

It was moved by Dr. Gordon, seconded by Professor Keeping that the General Faculty Council be approached with a view to having the regulation reconsidered. Motion carried.

The meeting adjourned at 5:00 P.M.

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Dean

April 3, 1950

Minutes of the 422nd meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, April 3, at 4:00 P.M.

Present were: Dean Macdonald, in the Chair; Professors Thomas, Mardiros, Morrison, Stewart, Mayo, McIntyre, Patrick, Stirrat, J. D. Campbell. Strickland, Owen, May, Davis, Jones, Whyte, Gordon, Cormack, J. W. Campbell, Healy, Greene, D. E. Smith, Scott, Collier, Salter, Tuba, Cook, Gowan, Johns, Walker, Grayson-Smith, Long, Folinsbee and Mr. Taylor.

The Chairman mentioned a correction in the wording of the circulated minutes at the top of Page 2. The words "and which was" should be deleted and the word "and" substituted. He then called for a motion moving the adoption of the circulated minutes as amended. It was moved by Dr. Owen, seconded by Dr. Whyte. Carried.

1. The Chairman informed Council that Dr. Healy's motion passed in the last Council meeting had been approved by General Faculty Council at its meeting in March.

2. Supplementals

General Faculty Council asked that the motion made in the last meeting of this Council be regarded as a notice of motion. Final disposition would be made at the May meeting.

3. Personnel of Revisions Committee

The following personnel was proposed for the reconsituted Revisions Committee: Dr. A. J. Cook, Chairman; Dr. S. G. Davis (for three years; (he has already served one year on the Committee); Dr. M. H. Scargill for four years and Dr. E. C. May for four years. Dean Stewart and Miss Patrick would be members ex officio. In view of Dr. Cook's long service on this committee , it was suggested that the resolution passed at the last meeting requiring the Chairman to serve for the period of four years to be modified in his case and that he be appointed for the session 1950-51. The question of the Chairmanship would be reviewed at that point. It was moved by Dr. Gordon, seconded by Miss Patrick that the slate of officers and the terms of appointment suggested be approved. Motion carried.

4. Course in Jewish History and Culture

The Committee (Dean Stewart, convenor; Dr. Healy and Mr. Thomas) presented its report on this question. Dean Stewart explained that the report was in two parts, the first part constituting a recommendation to the Council, the second part, being presented for information merely, setting forth the implications of the proposed course and the reasons which led to the committee making its recommendation. The Council would be asked to vote on the specific recommendation. This was to the effect that the Council take no action in regard to the instituting of this type of course. The Chairman remarked that the suggestion concerning a series of public lectures would no doubt come to the President in the ordinary course of events and should not be regarded as part of the committee's specific recommendation. A copy of the report is appended hereto.

Dr. Owen expressed regret that the committee was making a negative recommendation. He suggested that the courses in Christian Apologetics and Old and New Testament Literature constituted a precedent for this type of course. It was pointed out, however, that these courses, as well as the course in modern scholastic philosophy which Dr. Owen had also mentioned, were in a different category as they were all courses offered by institutions which have an affiliation with the University. Disagreeing with Dr. Owen, Mr. J; T. Jones expressed doubt as to the value of the proposed course. He felt that the valuable part of it was probably already covered in the course in Old and New Testament Literature and that our students were more especially in need of further instruction in Canadian and British history rather than in the kind of history that was represented in the course under discussion. The course, moreover, was motiviated by the wish of a racial minority to propagate its ideas and while this was quite a laudable purpose, there was danger that a precedent would be set for other racial minorities if the new course were instituted. Professor Salter suggested that, in the event of the course not being accepted, it might be desirable to include as part of the reason for not accepting it some reference to the points made by Mr. Jones. The Chairman stated that he did not expect that, in notifying B'nai B'rith of the Council's decision, he would enter to any extent into the question of the reasons for the Council's action but would probably confine himself to a general statement concerning faculty policy and course priorities. Dean Stewart moved the adoption of the recommendation and Dr. Healy seconded. Dr. Owen asked whether the points made by Mr. Jones did not apply equally well to the course in Ancient History. The motion was put and passed with one dissenting vote.

5. Tentative Registrations

The Chairman reminded departments that tentative registration forms should be retained by them until such time as his office was prepared to deal with them. They would be asked for the forms at a later date. In answer to a question from Dr. Collier as to who was responsible for those students in the s special biological pattern, the Chairman stated that these students should report directly to his office for approval of their course selection.

6. The Chairman read a letter addressed to Dr. Newton from Carleton College, Ottawa, signed by the President of that college, M. M. MacOdrum. The letter was to the effect that they were anxious to turn over the facilities of the college to university teachers and graduate students who would be in Ottawa in the summer months, doing research or taking courses. The invitation was extended primarily to workers in the social sciences but they would be glad to welcome teachers in other fields as well. The Chairman suggested that if any members of the faculty were interested in this kind offer, they could obtain further information by writing to Carleton College direct.

7. The Chairman mentioned that staff members would be notified from the Registrar's Office that the deadline for the results of graduating students would be 5:00 P.M. on May 2nd.

The meeting adjourned at 4:40 P.M.

John Macdonald

Dean

Report of the Committee on the Proposed New Course in Jewish History and Culture.

1. The Proposal.

The Faculty of Arts and Science, through the Dean, received a request from B'nai B'rith that the Faculty adopt a new course in "Jewish History and Culture" to be given by Rabbi Hurwitz. It was also suggested the the course be offered as an open elective in the Faculty. Expenses in connection with the course might be met by the University or alternately by B'nai B'rith.

2. Normal Procedure Leading to the Introduction of New Courses.

A new course is normally sponsored by the Department which will administer it. The course is recommended by the Department to Faculty Council. Faculty Council may approve the course for submission to General Faculty Council, after it has been considered by the Committee on Time Tables and New Courses. Although General Faculty Council has jurisdiction over academic matters, innovations involving expenditures are subject to approval by the Board of Governors.

Normally Faculty Councils do not initiate new courses, but act on the recommendations of Departments. Approval of new courses by Faculty Councils is, in all cases, subject to the over-riding jurisdiction of General Faculty Council.

3. Procedure in Dealing with New Courses Initiated Outside the University.

The University must expect that requests for new courses will be made by persons or groups outside the University, and that such

6.   The Chairman read a letter addressed to Dr. Newton from Carleton College, Ottawa, signed by the President of that College, M. M. MacOdrum. The letter was to the effect that they were anxious to [illegible] interested [illegible] by writing to Carleton College direct.

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The meeting adjourned at 4:40 P.M.

Dean

requests will, on occasion, be directed to Faculty Councils. In dealing with such a request various procedures are open to Faculty Council.

(a) Faculty Council may decide to take no action.

This decision should be taken only if Council is opposed to the adoption of the course and would not approve it even on recommendation from a department. Under these conditions there would be no advantage in referring the matter to a Department. In any other situation the views of the Department should be obtained, and the Department should be given an opportunity to sponsor the new course in the normal manner.

(b) Faculty Council may refer the proposal back to the appropriate Department with the recommendation that the Department sponsor the new course.

This action should be taken if Council favours the adoption of the course, and is prepared to recommend it to General Faculty Council even if the Department takes no action.

(c) Faculty Council may refer the proposed new course to the appropriate Department, without recommendation.

Faculty Council must approve all courses recommended by Departments. However, Council might approve a course on recommendation from a Department, although in the absence of such recommendation it would be unwilling to support the course.

On reference to a Department, without recommendation,

the Department might decide either to sponsor the new course in the normal manner, or to take no action.

Reference to the Department, without recommendation, would permit the new course to be sponsored in the usual way, provided the responsible Department is prepared to give the proposed course top priority in its recommendations for new courses.

No action by the Department would imply that the Department is not prepared to give the new course top priority; and, where reference had been made without recommendation, would end any action by Faculty Council.

If Faculty Council does not act, either directly or through a Department, the request may of course be taken to General Faculty Council.

4. Features of the Request by B'nai B'rith.

The particular request before Faculty is for the adoption of a new course to be offered by an instructor not now a member of Faculty. A recommendation to General Faculty Council in support of the adoption of the course would imply a recommendation to the Board of Governors supporting the appointment of the instructor to the staff of a Department.

(a) The University does appoint part-time instructors to the faculty of the University for the purpose of giving particular courses. Such appointments are common within the professional faculties. They occur where the necessity of the particular course in the professional program has been established, and where advantage clearly lies in having the

course given by an instructor practising in the profession.

The proposal under consideration does not parallel this case.

(i) No absolute professional necessity attaches to the course proposed. It should therefore be judged in relation to the many other new courses which could

p. 4 (1) add:

Jewish History and Culture are not entirely neglected at the University as aspects of them form part of the content of a number of courses already offered.

courses are found with affiliated colleges; that is, in institutions with permanent facilities and a continuing educational program, and which have been formally approved by the University. Although appointed by the colleges, instructors in these courses are approved by the University.

The proposal under consideration does not parallel this situation.

The sponsoring organization, while it has an established record of interest in and support of higher education, is not in the category of an affiliated college.

course given by an instructor practising in the profession.

The proposal under consideration does not parallel this case.

(i) No absolute professional necessity attaches to the course proposed. It should therefore be judged in relation to the many other new courses which could with advantage be offered at the University of Alberta.

(ii) If the subject matter were judged to be of so great relative importance as to give it high priority in the selection of new courses, it is not however evident that there is any clear advantage in having the course given by a part-time instructor appointed specially for it.

(b) The University does accept courses for credit, offered by instructors who are not appointed by the University. Such courses are found with affiliated colleges; that is, in institutions with permanent facilities and a continuing educational program, and which have been formally approved by the University. Although appointed by the colleges, instructors in these courses are approved by the University.

The proposal under consideration does not parallel this situation.

The sponsoring organization, while it has an established record of interest in and support of higher education, is not in the category of an affiliated college.

Recommendation

The Committee has felt that Council would not wish to deal with the request from B'nai B'rith without considering the view of the Department to which the course might be attached. The appropriate Department would appear to be the Department of History. The Committee has therefore consulted the Department of History. The Department recognizes the merits of a course in Jewish History and Culture; however, there are a number of other directions in which it would wish to extend its courses. Consequently, the Department is not prepared to say that it would give top priority to the course now proposed.

In this particular request, the course and the instructor are inseparable. Faculty Council, even if it were to support the proposal without recommendation from the Department, could not meet the request by recommending the adoption of the course without recommending that the course be given by the instructor named. The appointment associated with the request for the new course has certain unusual features affecting general University policy. Any single Faculty Council should, in the view of your Committee, exercise particular caution in recommending, and thus lending support to, a procedure which might prove unacceptable in other Faculties or inconsistent with general University policy.

In view of the position of the Department of History and having in mind the unusual features attaching to the appointment of the instructor, your Committee recommends that:

> The Council of the Faculty of Arts and Science take no further action on the request from B'nai B'rith for the adoption of an elective course in Jewish History and Culture to be given by Rabbi Hurwitz.

Having made this recommendation, your Committee suggests that B'nai B'rith be invited to establish a foundation for the purpose of giving annually a series of public lectures on Jewish History and Culture under the auspices of the University of Alberta.

Minutes of the 423rd meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Wednesday, May 10 at 9:00 A.M. Present were: Dean Macdonald, in the Chair; Professors Stewart, Cook, Mayo, Rutherford, Nichols, Salter, Stirrat, Scott, Keeping, J. W. Campbell, Miller, McIntyre, Tuba, Collier, Patrick, Warren, Lang, Owen, Moss, Whyte, May, Cormack, Walker, Johns, Hardy, Ryan, Long, Collins, Thomas, Rice, D. E. Smith, Campbell, Greene, Davis, Morrison, Grayson-Smith, Rowan and Mr. Taylor.

The Dean called for a motion to have the minutes of the last meeting approved as circulated. Dr. Campbell mentioned one or two minor changes in the wording and the Chairman stated that these would be made. It was moved by Dr. Owen and seconded by Dr. Warren that the minutes be approved with the changes mentioned. Carried.

1. Motion from the Honors Committee

At the recent meeting of the Committee on Honors, a motion was passed to the effect that B. Sc. students in Honors be permitted to take German 1 as an extra course in their third or fourth year but be excused, if they wished, two hours of the five hours attendance. A number of students in the upper years of the Honors course in various departments would like to take German 1 but the five hours attendance requirement heretofore has prevented them from being able to do so. Since such students would be the better type of student, it was felt that there was a case for not forcing the give hours attendance on them. It was moved by Dr. Grayson-Smith, seconded by Dr. Owen that the above recommendation be accepted by Council. Carried.

2. Revisions Committee Report

Members of Council were asked to return the mimeographed Revisions Committee report to the Dean's office immediately after the meeting. The documents could be picked up again after Convocation.

The Report of the Revisions Committee was then scrutinized by members of Council. It was moved by Dr. Gordon, seconded by Dr. Cook that the Report be accepted as submitted.

The following students were recommended for the degree of Bachelor of Arts:

Anderson, Mary J. M.
Andreasson, Harry
Barnes, David
Barron, Walter C.
Bishop, Maurice B.
Blakey, Arnold P.
Blazouske, Joseph (first class standing)
Bond, James M.
Boyd, John
Boyd, Kenneth J.
Brogan, Violet M. (first class standing)
Bures, Alixe
Burton, Margot W.
Calhoun, Lorne W.
Campbell, Robert E.
Catonio, Albert Pl
Cawsey, Robert A.
Cohen, Eugene L.
Coppock, Audrey M.
Craig, John W. D.
Craine, John C.
Cram, John M.
Crawford, Margaret R.
Davidson, Jean
Day, Robert C.
Densmore, Harlan R.
Dressler, Marion E. N.
Dutton, John E. (first class Honors in History)
Edwards, T. Allan
Farmer, Mary W.
Forbes, George
Forsyth, Gregory R.
Fremlin, Violet (first class Honors in English)
Galvon, Henry F.
Grant, Lois E.
Grantham, N. Maryleen
Griffiths, May G.
Hamilton, Selma D.
Happ, Mildred
Henning, William H. N.
Hepburn, Donald W.
Hobbs, Lois A.
Holmes, Jack K.
Hougan, Margaret E.
Johnson, Isobel L. J. (Honors in Modern Languages)
Jorgenson, James P.
Kennedy, John W.
Kosowan, Constantine
Kreisel, Esther
Kroetch, Lorne P.
Langridge, Bruce E.
Laycraft, James H. (first class general)
Lenardon, Dante A. (Honors in Modern Languages)
Loder, E. Bonnell
Loggie, Dorothy I.
Lopatka, Raphael
Love, Joyce I.
Low, James P.
Low, Robert A.
Ludwig, Albert W.
Lupul, Manoly (first class Honors in History)
Lyons, Morris
McDonald, Bernard J.
McEachern, Vernon E. (first class standing)
McGregor, Barbara A.
McLean, William F.
McLennan, Edward A.
Mahoney, Patrick M.
Matheson, Robert S.
Millar, Mary Aileen
Miller, James A.
Mills, F. Daurel
Montgomery, C. R. F.

Moore, L.A.
Mullen, W.E.
Mulligan, R.R.J. (first class honours) in history
Murray, H.J.A.
Mustard, W.M.
Musto, L.J.
Nugent, Terence J.
O'Byrne, M.B.
O'Connor, H.B.
Olson, E.R.
Ouelette, J.J.
Patterson, J.E.
Peterson, G.P.
Phillips, F.T.
Pilcher, J.A.
Pyrcz, A.
Rabbage, S.I.
Racette, P.T.
Robinson, R.G. (first class honours in Philosophy)
Rodney, W. (first class Honours in History)
Roebuck, T.S. (first class Honours in English)
Ross, D.S.
Rylands, J.F. (first class standing)
Saucier, Suzanne
Scott, A.P.
Sears, S.S.
Seward, O.C.
Sherbaniuk, D.J. (Honours in Modern Languages)
Sherman, S.A.E.
Smith, Avery, E.
Smith, V.W.
Spence, E.M. (first class honours in Classics)
Spilsted, R.
Stainton, W.J.
Steer, G.A.G.
Sister M. of St. Therese des Anges
Taylor, June G. (first class Honours in Modern Languages)
Thomas, T.E. (first class Honours in Psychology)
Thompson, B.A.
Trofimuk, J.T.
Walton, W.B.
Wanamaker, J.T.
Weitz, H. (Honours in Political Economy)
Wilkinson, C.T.
Wright, G.K.
Wyatt, F.G.

The following students were recommended for the degree of Bachelor of Sciences:

Aikenhead, D.A. (Honours in Physics)
Albinati, M.L.J.
Allen, J.F.
Amundson, A.W.
Anderson, R.C. (1st class standing)
Antliff, H.R. (Honours in Biochem)
Armstrong, W.S.
Asp, D.M.
Barlass, J.L.
Barnes, C.L.
Barnett, W.D.
Bedford, R.F.H.
Bernard, A.J.
Bisson, C.J.
Brown, E.H.
Bruce, W.R. (1st class standing)
Bryant, E.C.B.
Buckmaster, H.A. (1st class Honours) in Mathematics)
Burge, C.W.M.
Byrne, P.S. (Honours in Geology)
Cable, R.M.
Cameron, B.D.
Campbell, J.D.
Carriere, N.J.
Cebuliak, N.S.
Christiensen, A.H.
Christiansen, D.F.
Church, N.S. (1st class general standing)
Clark, G.D.
Coglon, R.B. (1st class standing)
Colwell, M.C.
Costigan, W.M.
Craig, A.G.
Crawford, E.G.
Crawford, J.E.
Cuthbertson, J.R.
Dahl, Ronda M.
Dalby, F.W. (first class Honours in Physics)
D'Appolonia, Gino (1st class standing
Davis, R.G.
Dennis, V.L.
Diamond, E.G.
Dickie, N.
Dickson, R.G.
Ditto, M.C. (Honours in Physics)
Ditto, W.J. (Honours in Physics)
Duff, E.D. (Honours in Geology)
Dunford, H.B. (1st class Honours in Chemistry)
Edwards, G.E. (1st class standing)
Eggen, R.R.
Elder, W.J.
English, J.J.
Erickson, V.M.
Evans, E.G.
Feniak, G. (first class Honours in Chemistry)
Ferguson, J.M. (Honours in Mathematics)
Finlayson, M.H.
Fish, E.J.L. (1st class general standing)
Fitzsimmons, E.J.
Fleming, R.W.
Fleming, R.F.I. (Honours in Math.)
Foster, G.S.
Frache, R.L.
Friedman, M.W.
Gallagher, S.J.
Gibb, G.H.
Goodjohn, A.H. (Honours in Physics)
Greiner, H.R. (1st class Honours in Geology)
Hargreaves, G.E.
Harse, H.R. (1st class standing)
Hawes, H.R. (1st class Honours) in Chemistry)
Hawkins, G.L.
Hay, A.S. (1st class Honours in Chemistry)
Hayes, A.M.
Hemstock, J.R.
Hudson, M.J.
Irvine, L.Y.
Jennings, E.W. (Honours in Geology)
Joyce, J.E.
Kettyls, G.D.M.
King, H.S.
Kirkpatrick, S.T.
Knight, C.P.
Koblanski, J.N.
Kraychy, S. (1st class Honours in Chemistry)

Leskiw, H.
Lind, J.D.
Logan, D.
Love, A.
Lyons, J.V.
Lukenchuk, J.P.
McDonald, J.E.
McGregor, J.A.
McGregor, J.R. (1st class Honours in Mathematics)
McKenzie, A.H.
McKuhan, W.J.
McMillan, F.W.
McMillan, R.M.W.
McMorran, J.F. (1st class Honours in Physics)
McSween, W.W.
MacWilliams, D.C. (1st class Honours in Chemistry)
Maginley, T.A.
Mangan, U.B.
Manz, R.L.
Marjanen, L.E.
Marshall, F.C. (1st class general standing)
Mattson, E.J.
Mercer, E.H.
Mercer, R.A.
Miller, H.W.G.
Minogue, M.E.
Mitchell, D.G.
Murray, A.R.
Murray, F.E. (first class Honours in Chemistry)
Murray, K.W.
Mutchmor, J.A.
Mydland, W.E.
New, L.D.
Norris, A.W. (Honours in Geology)
Nufer, D.V. (first class standing)
Nyhus, T.P.
O'Connor, R.H.
Okazaki, A. (1st class Honours in Physics)
Oleksyn, C.
Papas, G.E.
Parry, R.A. (Honours Mathematics)
Pasochnik, J.M.
Patsula, T.M.
Payne, H.W.
Pearson, M.G.
Primeau, L.
Proskow, S.
Read, F.D.
Robinson, W.H.M.
Ronn, N.W.
Sakumoto, G.S.
Sanderson, E.S. (first class Honours in Chemistry)
Selland, F.H.
Semeluk, N.A.H.
Shaner, D. (first class Honours in Mathematics)
Shaw, D.R. (Honours in Chemistry)
Sherman, G.
Shewchuk, H.W.
Sikora, J.
Simpson, J.E.
Skorupski, L.J. (First class general standing)
Smith, J.T.
Sovereign, A.E.
Spackman, G.
Steeves, S.L.
Stewart, J.B.
Stolee, E.B.
Storcer, J.
St. Pierre, P.
Sutherland, R.W.
Tanner, K. (First class Honours in Chem.)
Tanner, W.H.R. (first class general Cstanding)
Taylor, J.D.
Taylor, R.E.
Thomson, A.C.
Thompson, E.A.
Travis, G.
Trollope, F.H. (Honours in Geology)
Trott, G.E.
Tyler, W.G.
Vail, G.D.
Waterman, R.
Watson, D.E.
Wiens, W.P.
Willis, A.C.
Witwicki, A.
Wood, J.C. (First class Honours in Chemistry)
Yanda, R.E.
Yanda, R.L.

The following students failed to meet the requirements for the Bachelor of Arts Degree:

Baker, - Lacks one second
Blackett, B.A. - lacks one second
Bowerman, Irene M. - one failure, lacks three seconds
Desner, M.E. - one failure, lacks three seconds, short one course.
Dickie, Catherine M. - lacks two seconds
Flanagan, Francis P. - lacks one second
Granik, Jonathan A. - lacks one second
Jackson, Katherine L. - missed finals through illness; deferred finals permitted. Recommended to repeat year.
Letersky, Michael - lacks one second.
McDougall, Jean M. - lacks one second.
Morgan, Phyllis - two failures, lacks two seconds.
Payne, Beatrice L. - one failure, lacks one second.
Scougall, Betty - lacks two seconds.
Shaw, C. Elaine - lacks two seconds.
Smith, Donald F. - two failures - failed to write one course, lacks four seconds. No supps. Repeat year. Recommended not to return.
Spillios, Nicholas G. - two failures, lacks one second.
Thompson, Dennis E. - three failures, lacks three seconds, average 46.3; No supps, repeat year; recommended not to return.

The following students failed to meet the requirements for the Bachelor of Sciences Degree:

Brayton, Darryl, M. - one failure, lacks one second
Brunton, Joan - one failure, lacks two seconds
Burke, Wm. N. - lacks two seconds
Craig, Wm. N. - lacks two seconds
Currie, N. Nelson - one failure.
Fitzpatrick, M.Elaine, - two failures.
Fuglem, Milton O. - lacks one second
Glass, Donald J. - two failures, lacks three seconds
Greenaway, James E. - lacks two seconds
Greenaway, Wm. L.G. - one failure, lacks two seconds
Grigsby, Harry P.H. - one failure, lacks one second
Jubb, Wm. N. - two failures, lacks three seconds; granted supps but recommended to repeat year.
Knoll, Katherine N. - one failure.
Kruk, Orest A. - one failure, lacks three seconds
Lewko, Edward - lacks two seconds
McKernan, Jack A. - two failures, lacks one second
Marano, Nello W. - lacks one second.
Marcellus, Howard E. - lacks two seconds.
Maximchuk, Arlene J. - one failure.
Mellon, Garnet M. - one failure, lacks three seconds.
Merkley, James A. - two failures, lacks two seconds.

Mielke, Rosemary: lacks one second
Moffet, Calvin E. - lacks two seconds
Morozuik, Metro - lacks one second
Murray, Frances E. - lacks one second
Novakowzki, Nicholas - one failure, lacks three seconds
Olekshy, Lucy V. - one failure
Olinyk, Nickol - two failures, lacks two seconds
Parsons, Willis, H. - lacks one second
Paul, Jean I. - lacks one second
Pengelly, Glen A. - lacks two seconds
Rachert, John A. - lacks two seconds
Reynolds, John R. - lacks two seconds
Ryski, Emil V. - lacks two seconds
Saslow, Harry - lacks three seconds
Shaw, Vernon S. - lacks two seconds
Sibley, John O. - three failures, did not write two courses
supps granted, but should repeat year.
Spevakow, Robert - lacks one second
Thorpe, Maurice F. - lacks one second
Tkachyk, Mike A. - lacks one second
Ward, Gordon G. - lacks two seconds
Warhaft, Harry H. - one failure, lacks one second
Wilson, Donald W. - one failure, lacks one second
Wiwchar, Modest - one failure, lacks two seconds
Wood, John G. - lacks one second
Youngren, Carl - lacks two seconds.

The Report of the Honors Committee was then scrutinized by members of the Council. It was moved by Dr. Gordon, seconded by Dr. Walker that the report be approved.

The following students were recommended for First Class Honours:

Buckmaster, H.A. - Mathematics
Dalby, F.W. - Physics
Dutton, J. - History
Dunford, H.B. - Chemistry
Feniak, G. - Chemistry
Fremlin, V. - English
Greiner, H.R. - Geology
Hawes, H.R. - Chemistry
Hay, A.S. - Chemistry
Kraychy, S. - Chemistry
Lupul, M. - History
McGregor, J.R. - Mathematics
McMorran, J.F. - Physics
MacWilliams, D.C. - Chemistry
Mulligan, R.J. - History
Murray, F E. - Chemistry
Okazaki, A. - Physics
Robinson, R.G. - Philosophy
Rodney, Wm. - History
Roebuck, T.S. - English
Sanderson, E.S. - Chemistry
Shaner, D. - Mathematics
Spence, E. M. - Classics
Tanner, K.G. - Chemistry
Taylor, J.G. - Modern Languages
Thomas, T.E. - Psychology
Wood, J.C. - Chemistry.

The following students were recommended for Honours:

Aikenhead, D.H. - Physics
Antliff, H.R. - Biochemistry
Byrne, P.S. - Geology
Ditto, M.C.
Ditto, W.J. - Physics
Duff, E.D. - Geology
Ferguson, J.M. - Mathematics

Fleming, R.F.I. - Mathematics
Goodjohn, A.S. - Physics
Jennings, Edward, W. - Geology
Johnson, I.L.J. - Modern Languages
Lenardon, D.E. - Modern Languages
Norris, A.W. - Geology
Parry, R.A. - Mathematics
Shaw, D.E. - Chemistry
Sherbaniuk, D.J. - Modern Languages
Trollope, F.H. - Geology
Weitz, H. - Political Economy.

The following student was recommended for the Governor General's Medal:

Spence, Emily Marie - 4th year Honours Classics
Three year average - 92.3%

The Report of the School of Household Economics was then scrutinized by members of the Council. It was moved by Miss Patrick, seconded by Miss McIntyre that the report be accepted as submitted.

The following students were recommended for the degree of Bachelor of Science in Household Economics: No. 4

Beattie, M.H.
Ferguson, I.J.
Fitch, W.M.
Fledderjohn, N.M. (first class general standing)
Fraser, J.E.
Gale, D.E.
Gowdy, B.L.
Hood, E.
Little, F.G.
McCoy, M.E.
McCutchon, J.N.
MacKenzie, F.E.
Miskew, V.
Papoe, M.A.
Phillips, A.
Reed, B.M. (first class standing)
Sauder, M.L.
Scott, K.P.
Scougall, M.H.
Shearer, R.A.
Smith, A.M.
Wannamaker, F.

The following student failed to meet the requirements for the degree of Bachelor of Science in Household Economics:

Seldon, P.J. - lacks one second.

It was moved by Dean Stewart, seconded by Mr. J.D. Campbell that the School of Commerce report be approved. No. 5

The following students were recommended for the degree of Bachelor of Commerce.

Adams, D.A.
Adams, S.P.
Armstrong, D.E. (1st class standing)
Baumback, G.E.
Benedict, M.I.
Berry, R.M.
Bodner, R.
Brown, R.F.
Burland, R.G.
Cameron, J.M.
Campbell, D.L.
Campbell, G.L.
Coleman, A.P.
Connolly, T.
Craig, D.B.
Depaoli, E.
de Rosenroll, R.
Edmundson, E.N.
Fishbourne, J.W.
Fisher, M.H.
Fleming, D.F.
Funk, H.P.
Giddie, B.E.
Haakenstad, C.M.
Hantiuk, J.M.
Hardy, A.V.
Henderson, W.G.
Huberdeau, E.S.J.
Humphries, H.W.
Karney, Wm. M. (1st class general standing)
Komarnicki, A.F.
Krehel, V.
Lomas, M.E.
Lupul, W.
Lynch-Stannton, A.G.
McGregor, A.E.
McKinnon, R.R.
McQuid, M.S.
Maddison, H.C.
Marks, G.F.
Miller, E.J.
Moher, N.T.
Oscroft, W.A.
Pearson, G.E.
Pigeon, R.A.
Ramsay, R.
Robinson, P.
Robson, J.H. (1st class general standing)
Roe, H.L.
Smith, J.E.
Spark, Wm.
Stack, E.D.
Stansberry, J.W.
Stott, J.R.
Tharp, R.S.
Theiss, A.J.
Tupper, J.E.F. (1st class general standing)
Ulmer, E.
Woodcock, R.R.
Young. C.W.

The following students failed to meet the requirements for the degree of Bachelor of Commerce:

Booth, J.L. - lacks two seconds
Colborne, R.B. - lacks two seconds
Collins, L. - lacks two seconds
Dixon, J.N. - one failure
Douglas, E.J. - lacks four seconds, lacks History or Philosophy as an option, and one Physical Education option; did not write Acctg. 52, failed Mathematics 42; Recommended to withdraw. No supplemental privileges.
Forbes, I.S. - granted deferred finals
Gerlitz, D.J. - lacks three seconds, two failures. Strongly recommended to repeat year but granted supps.
Henderson, J.R. - one failure
Ioanidis, C. - one failure, missed rest of exams owing to illness. Granted deferred finals in all subjects including Acctg. 53 which he failed.
McQuay, A.E. - lacks two seconds.
McLachlin, J.W. - lacks three seconds
Maloney, J.H. - lacks three seconds, two failures. Strongly recommended to repeat year.
Morgan, J.H. - lacks one second.
Wallman, R.R. - lacks two seconds, three failures. Supps granted but strongly recommended to repeat year.
Watkins, G. - one failure.

Prizes and Awards to Graduating Students

Governor-General's Gold Medal - Emily Marie Spence

Rutherford Memorial Gold Medal in English - Timothy S. Roebuck

The Gordon Stanley Fife Memorial Prize in History - Ronald R. Mulligan

The A. Wyman Memrial Gold Medal in Mathematics - Dorothy K. Shaner

The J. M. MacEachern Gold Medal in Philosophy - Ross G. Robinson

The Duncan Alexander MacGibbon Gold Medal in Political Economy -

Donald E. Armstrong

(School of Commerce)

The T. Eatoh Company's Gold Medal in Commerce - Jean H. Robson

The Hudson's Bay Company Gold Medal in Commerce - Jean H. Robson

The Institute of Chartered Accountants Prize - Jean H. Robson

(School of Household Economics)

The Warren W. Prevey Memorial Gold Medal in Household Economics -

Norma M. Fledderjohn

Special Cases

Gariepy, Roger V.: It was reported that this student had been taking several courses at McGill this past session in order to remove some deficiencies for his degree. Up to this date, no results had been received from McGill. It was agreed that his name be added to the B. Sc. list if his results were received before Convocation and if they were favorable.

Lindsay, Neville and Matheson, Douglas

Dr. Gordon reported that both these students in second year Law had failed a course in Law and therefore were not eligible for the B. A. degree. There names had not been included in the list of failed to graduate as their results had not been in the hands of the Revisions Committee until after the list had been mimeographed.

Summer Session Revisions Committee

The Chairman asked permission of Council to appoint an ad hoc revisions committee to deal with summer session resilts in August. Granted.

Second Year Results

The Chairman mentioned that heretofore second year results have been dealt with by the Revisions Committee and that committee has been empowered to make the final recommendations regarding such students. Points of procedure which needed clearance from Council were such things ax dealing with marks of 48 and 49 and marks between 45 and 50 generally. Council agreed to allow Revisions Committee to deal with such results without calling another meeting of Council.

The Chairman mentioned that all names of graduating students would go forward to General Faculty Council for approval.

Supplemental Examination Papers

Mr. Taylor asked that supplemental examination papers be handed in as soon as possible in order to avoid the confusion that results if instructors leave the city without first having turned such papers in to the office.

Motion Concerning Dr. Gordon

Professor Salter moved the following vote of motion concerning Dr. Gordon. This was seconded by Professor Jones.

"That the Faculty of Arts and Science express and record its deep appreciation of the long and effective service of Dr. R. K. Gordon.

Robert Kay Gordon joined the staff of this University in 1913. He has been a member of this Council for thirty-two years and served as Acting Dean during a difficult period with great efficiency. Since 1937 he has been Head of the Department of English. His presence in Council and on many necessary committees has always given us a sane, mature, and steadying influence.

Dr. Gordon's books and articles have added lustre to his career and reflected credit upon this University. He is widely known for his work on Anglo-Saxon poetry, Chaucer, Sir Walter Scott, and other subjects. Since 1938 he has been a Fellow of the Royal Society of Canada.

It is with genuine regret that we see Dr. Gordon resign. He has been to us a model of integrity, whom we shall long remember for his keen with, his never-failing modesty, the pithy brevity of his speech, his broad and generous tolerance, and his quiet insistence on standards. He has inspired warm personal affection in generations of students and colleagues.

To him and to Mrs. Gordon whose kindness, good taste, and hospitality have had much to do with establishing the friendly spirit of this University, we wish in retirement many serene and happy years.

Motion carried.

Dr. Gordon replied to the above motion and thanked members of Council for their generous remarks.

The meeting adjourned at 10:00 A.M.

Dean

Minutes of the 424th meeting of the Council of the Faculty of Arts and Science held on Monday, October 2, 1950 at 4:00 P.M. in the Senate Chamber.

Present were: Dean Macdonald, in the Chair; Professors Walker, Harris, Stelck, Folinsbee, Greene, Faucher, Strickland, Owen, Miller, Warren, Lang, Collier, Grayson-Smith, Morrison, Jones, Miss Patrick, Miss Duggan, Keeping, Moss, J.D. Campbell, Hanson, Mayo, Johns, D. E. Smith, Gowan, Glyde, Nichols, Mardiros, J. W. Campbell, Whyte, Davis, May, Cook, Thomas, Collins, Long and Mr. Taylor.

A part of the minutes of the last meeting were read, that part dealing with the taking of German 1 by Honors students in the second or third year instead of in the first. The minutes were taken as read and approved.

I. Time of Meeting

It was moved by Dr. Walker, seconded by Dr. Warren that the meeting be held from now on at 4:30 instead of 4:00. Carried.

II. Personnel of Revisions Committee

It was moved by Dr. Campbell, seconded by Dr. Owen that Dr. Davis be named as Chairman of the above committee to replace Dr. Cook and that Dr. Newbound be added to the personnel of the committee. Carried.

III. Communication from the Director of the Banff School of Fine Arts

The Chairman stated that he had received a letter from Mr. Donald Cameron, Director of the Banff School of Fine Arts, in which he asked that consideration be given to a request made to him by Calgary High School teachers that a senior course in contemporary French literature be offered for University credit at the Banff School. They further suggested that, since thirty-five hours instruction would be needed, it would require attendance at two summer sessions to complete the course. The Chairman read his reply to Mr. Cameron's letter in which he pointed out the disadvantages connected with splitting the course in two. From his own experience, he had found that the arrangement did not work out satisfactorily. He further pointed out that the number of University students involved would have to be sufficiently large to justify the course since no non-credit students would be permitted to take it. He also mentioned to Mr. Cameron that a departure in policy was indicated here, as hitherto only Fine Arts courses had been permitted in Banff. In a further letter to the Dean, Mr. Cameron had suggested that the class meet for 2½ to 3 hours daily in order to avoid the taking of it in two sessions.

The Department of Modern Languages expressed the view that:

(1) It was doubtful whether a sufficient amount of work could be covered to justify giving credit for the course unless a great deal of preliminary preparation was carried on.

(2) The course involved - apparently French 72 - was not a course to which admission was freely given. Only students of good calibre and some experience were allowed into the course. A great deal of reading was required and a student should be capable of reading a French novel at about the same rate of speed as he reads an English novel. The course could not possibly be covered in twenty-seven days in the same way as it is in the winter session here.

(3) Another point raised concerned library facilities. Some books required were out of print and only one copy was available in the stacks. Others were very expensive. This could be a real source of trouble in giving such a course in Banff.

It was felt by other members of Council that the whole question was a very serious one and should be treated very cautiously. In order to forestall any similar requests for other courses to be given, it was moved by Dr. Miller, seconded by Dr. Warren:

> "that this Council feels that, with the present facilities in Banff, it is not prepared to recommend the acceptance of any course for University credit beyond what is now being given."

The motion was put to the vote and carried unanimously.

IV. Supplemental Examination Procedure

The Chairman reminded Council that, at its meeting last March, a motion was presented by Dr. Gordon and seconded by Professor Salter to the effect that, because the new arrangement for weighting term marks in supplementals was proving unsatisfactory, the General Faculty Council be asked to reconsider its decision to eliminate the regular December and February examinations from the determining of marks given in supplementals. In the discussion at General Faculty Council, a counter motion was proposed and, after discussion, carried. The counter motion was to the effect that individual faculties be left free to make their own decision in regard to the weighting of term marks.

The Chairman stated that if this Council wanted a return to the former arrangement, a difficulty would arise in that there are students from, say, the Faculty of Engineering taking courses in this faculty, and the Faculty of Engineering may prefer the present arrangement.

It was moved by Dr. Owen, seconded by Dr. Mayo that Council rescind the motion passed last March and that this Faculty confirm the present arrangement. The motion was put to a vote and lost.

The view expressed by several members that what ever this Faculty decided to do should apply to all students registered in courses under the jurisdiction of this Faculty, regardless of whether the students were from other faculties or not. Others felt that the whole question should be left in the hands of individual departments.

It was moved by Dr. Warren, seconded by Dr. Harris:

> "that all students taking courses in any department under the jurisdiction of this Faculty will be treated according to the rules of this faculty."

Carried.

So far as Entomology and Biochemistry - which are in other faculties - are concerned, Arts and Science students would be treated according to the rules of the faculties of Agriculture and Medicine respectively.

V. Recommendations for Degrees

It was moved by Dr. Cook, seconded by Dr. Davis, that the following names be forwarded to General Faculty Council for approval. Carried. These students have completed requirements for their degrees as a result of September supplementals.

For the degree of Bachelor of Arts:

Barbara Ann Blackett
Jean Marie McDougall
Constance Elaine Shaw

George L. W. Brown
Francis Patrick Flanagan
Jonothan A. Granik
Douglas R. Matheson

Edgar Latimer Boyd (This student was in Honors Philosophy but applied for a pass B. A. instead of continuing to his 4th year)

For the degree of Bachelor of Science:

Arlene Joyce Maximchuk
Rosemary Mielke
Lucy Vera Olekshy

Darryl Merritt Brayton
William Norman Burke
William Norman Craig
James E. Greenaway
James A. Halliday
James Curtis Hayes
Orest Anthony Kruk

Howard Elam Marcell
David Bert Newman
John Robert Reynolds
Harry Saslow
Mike A. Tkachyk
Gordon D. Ward
Donald W. Wilson
C. Edwin Youngren

For the degree of Bachelor of Commerce:

Adele Elizabeth McQuay

John Leonard Booth
Ian Stormant Forbes
John Herbert Morgan
Gerald Wilfred Watkins

It was moved by Dr. Owen, seconded by Dr. Johns that the following names be approved by this Council, having already been approved by General Faculty Council. These students have completed requirements during the summer session.

For the degree of Bachelor of Arts:

Sheila Cary
Catherine M. Dickie
Margaret Anderson Marshall
Aline Emilie Mercier

Joseph Blocksidge
Leo Shelley Coleman
Ronald Anthony Hall
Stephen Hardy
Neville Nettleton Lindsay
Nicholas George Spillios

For the degree of Bachelor of Science:

Mary Elizabeth Bain

Robert Leonard Bijour
Hallie Edward Fyckes
Kenneth Stanley Gee

For the degree of Bachelor of Household Economics:

Helen Viola Moseson

Special Case: Jack Charleton Riddle - to be awarded B. Sc. degree on the basis of three years in Honors Geology

The Dean asked for power to deal with any other cases that came up as a result of special supplemental examinations which would not be written until the following Saturday and Monday. Agreed.

VI. Examination Procedure

Mr. Taylor reminded Council that a definite mark must be returned to the Registrar's Office for all first year students at the end of the first term. He then read the regulations in the calendar regarding examinations and pointed out that the academic calendar makes no provision for the cancelling of lectures at the end of the term for examinations. Consequently, no Christmas examinations would be scheduled by the Registrar's Office unless a particular faculty requested the Registrar to prepare such a schedule.

The meeting adjourned at 5:30 P.M.

John Macdonald

Dean

Minutes of the 425th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, November 6, 1950.

Present were: Dean Macdonald, in the Chair; Professors Mardiros, Collins, J.D. Campbell, Long, Harris, Walker, May, Moss, Owen, Dunlop, Jones, Miss Patrick, Miss McIntyre, Morrison, Mayo, Scott, Miller, Strickland, Ryan, Nichols, Folinsbee, Warren, Rutherford, Davis, Cook, J.W. Campbell, Hanson, Rowan, Lang, Keeping, Thomas, Gowan, Grayson-Smith, Brown, Stirrat, D. E. Smith and Mr. Taylor.

It was moved by Dr. Johns, seconded by Dr. Walker that the minutes of the previous meeting be approved as circulated. Carried.

1. Four-course Registrations in Third Year

The Chairman reported that four students, having obtained an average of 75% or over in their second year, were automatically excused an option in their third year. These students are: S. W. Paskevish, W. V. Stilwell, J. R. Whitesell and Miss Sidney E. Woods.

It was reported, also, that some twenty students who had obtained four second class standings in their second year but who had not obtained an average of 75%, had applied to be excused one course. The Dean stated that the policy of the Revisions Committee in dealing with these applications was to look very carefully at the whole record to date of the students. Three students were granted the privilege of deleting one course from their registration - Miss Ann Floyd, Mr. D. B. Grant, Miss Evelyn Jensen. Only students whose records over the two years showed that they could be regarded as in the 75% class, or better, were granted the privilege in this instance.

2. Consolidated Christmas Tests

A number of departments requested permission to give consolidated Christmas tests. This would involve cancellation of a certain number of lectures. So far as the Faculty of Arts and Science lectures were concerned, the Council approved cancelling of lectures to suit the needs of of these departments. So far as lectures involving students in other faculties were concerned, the situation would need to be reported to General Faculty Council. It was decided that all departments desiring consolidated tests should make a request in writing to the Dean who would then pass the material to the Registrar. The Registrar's Office would examine the implications with respect to cancellation of lectures and report to General Faculty Council at its next meeting.

The question of final examinations at Christmas was also raised but it was pointed out that General Faculty Council had ruled that all finals in half courses would be written in the spring, or, if written at Christmas, would be arranged for by the departments concerned.

3. Special Cases

(a) G. K. Nakamura

The Chairman reported that the above student, a veteran and now in the T. B. Sanatorium in Calgary, had requested permission to take one course extramurally since his doctors had recommended that he do this. Since the student wished to take Philosophy 52, which is ordinarily given extramurally, the Chairman had taken it upon himself to give the necessary permission. It was moved by Dr. Owen, seconded by Professor Keeping, that the above step be approved. Carried.

(b) I. S. Rude

The above student needed English 2 to complete requirements for the B. Sc. degree in Pharmacy. He had taken it at the recent summer session and failed it. In accordance with regulations, the Revisions Committee had not granted him a supplemental privilege as he was taking only one course. He has been compelled to withdraw for a year owing to ill health and is asking a concession in regard to that supplemental. It was moved by Dr. Owen, seconded by Mr. Ryan, that his request be granted. Carried.

4. Students who completed degree requirements in special supplementals

The following students completed degree requirements as a result of special supplementals:

For the B. A. Degree:

Katherine Lois Jackson

For the B. Sc. degree:

Katherine Mathilde Knoll
Douglas B. Leitch
Richard Joseph McCaffrey
Nicholas Stephen Novakowski

For the B. Com. degree:

John Noel Dixon

For the B. Sc. in Household Economics:

Patricia Jane Seldon

It was moved by Dr. Davis, seconded by Dr. May that the above names be approved. Carried.

5. Divisioning in the Faculty of Arts and Science

Considerable discussion took place with respect to this matter. Dr. Mayo claimed that, in his opinion, a good deal could be said for the proposal. It would tend to strengthen rather than weaken the Faculty and, at the same time, give an opportunity for reconsidering the pattern system. He instanced several connections in which devisioning might make for greater efficiency. There was a tendency at present towards a certain fragmentation of the field of knowledge and the tendency would be accentuated if new courses such as Sociology, Anthropology or Geography were instituted. There would always be the problem of the department with which they should be associated. He was not prepared, however, to go beyond general statements for the moment as the precise nature of the proposed organization was not yet clear.

Dr. Johns pointed out that the calendar already recognizes, in effect; the divisions that would be logically set up. It provides for the humanities in Division A, the social sciences in Division B and the physical and biological sciences in Divisinn C. He felt that there might be difficulty in eliminating the department as a unit and that the crux of the problem was rather the setting up of a satisfactory liaison between the departments. Dr. D. E. Smith expressed appreciation of the departmental autonomy which now exists, especially with respect to programs for Honors students. He felt that the divisioning system might be a threat to this autonomy. He felt, also, that liaison between departments should be investigated with a view to improvement. Professor Jones also expressed agreement with this view.

After some further discussion, the Chairman asked the Council whether it felt that any good purpose would be served at the present moment by setting up a fairly large committee of five or six to look into the whole situation and present something specific for discussion at a future meeting. It was moved by Dr. Owen, seconded by Dr. Scott that the Dean be requested to appoint such a committee. Agreed.

6. Calendar Changes

Botany

Botany 103 - an Honors and graduate course is listed at present as nine hours lectures, laboratory and field work. This is out of line with other advanced courses. Dr. Moss moved that it be made a six-hour lecture, laboratory course. Seconded by Dr. May. Carried.

Mathematics

Mathematics 50 - a new course in Algebra to fit in with modern needs. Dr. Campbell explained that the course would alternate with Mathematics 107 and that no additional staff members would be needed. Dr. Campbell moved the adoption of this course, seconded by Professor Keeping. Carried.

Modern Languages

German 1B - 3 hours weekly

Dr. Owen explained that this course would cover approximately the same material as German 1 and A but is especially designed to meet the needs of Honor students from Science Departments, students of the Faculties of Agriculture and Engineering of any year and graduate students. Registration would be restricted to these categories. He explained further that, as this course for administrative purposes would be treated as a section of German 1, increase in teaching staff would not be affected.

The Chairman stated that last spring Council had given permission for such special students to be excused the two extra hours, so that no action was really needed in this case.

French 82 - History of the French language, three hours

An Introduction to the study of Romance Philology; origins of the French language; analysis of representative texts in Old French, Middle French, Classical French and the modern idiom.
Text: Albert Daudat, Les Etapes de la langue française.

Dr. Owen explained that this course would be for Honor students in Modern Languages and is to be substituted for French 101 which would be become a sequent course for further study of Romance Philology for advanced Honor students and for graduate credit. Increase in teaching staff would not be affected.

It was moved by Dr. Owen, seconded by Dr. Smith that the above course be approved. Carried.

Russian 115 - an honor and graduate course

A selection may be made from the following:

(a) Early Eastern Slavonic and Russian Literature (xl--xlx cent.)
(b) Introduction to Slavonic Philology.
(c) Russian Poetry, 18th and 19th centuries.
(d) History of the Russian Drama and a critical reading of five classics: A. S. Pushkin - Boris Godunov; A.S. Griboyedov - Gore ot uma; N. V. Gogol - Revizor; A. N. Ostrovski - Groza; A. P. Chekhov - Chaika.
(e) A study of the life and works of A. S. Pushkin.
(f) A study of the life and works of L. N. Tolstoy.
(g) Other courses according to the needs of the individual student.

It was explained by Dr. Owen that an extra course of a more advanced nature was required in the final year for Honors students who wished to major in Russian and German or German and Russian. It was also needed in case of students wishing to take an advanced course in Russian as part of a graduate program. No addition to staff would be needed.

It was moved by Dr. Owen, seconded by Dr. Scott that the above course be approved. Carried.

Philosophy and Psychology

Psychology 57 - Psychology Applied in Business and Industry

Methods and results of psychological studies in such fields as:
(a) selection, placement, training and supervision of personnel,
(b) promotion of efficiency and safety in production,
(c) advertising, selling and consumer research.

Dr. Smith explained that, at one time, Psychology 57 and 58 were one course, Psychology 106. The material has become too heavy to be handled in one course; therefore it is being broken down into two, one of which already exists as Psychology 58. The courses would be offered in alternate years.

Psychology 58 - Psychology in Relation to Human Welfare (change of description)

The applications of psychology in fields common to the humanities and social sciences, with special reference to criminology and penology, education, mental hygiene, vocational guidance, industrial relations, and political theory.

Dr. Smith moved that the above changes be approved. Seconded by Mr. J. D. Campbell. Carried.

Physics

Physics 102 - an additional hour (seminar) to be added to the two lectures per week. Only honor and graduate students would be involved.

Physics 105 - change in title. Now to read: "Advanced Meterology"

Physics 101 - change in description.
Problems in Classical Physics 3 hrs. lecture

Principles of thermodynamics with physical applications, kinetic theory, heat transfer, nature of crystals, elasticity, viscosity.

Texts: Heat and Thermodynamics, Zemansky; General Properties of Matter, Newman and Searle

Pre-requisites: Physics 46, Mathematics 55

Dr. Grayson-Smith explained that an extra hour a week was being added to the course for the purpose of including more work on properties of matter which is necessary for preparation for graduate work.

Physics 101a - 2 hrs. lecture (for Engineering)

Thermodynamics, kinetic theory and heat as in Physics 101.

Dr. Grayson-Smith moved the above changes, seconded by Dr. Scott. Carried.

Physics 60 - new course Geophysics 3 hrs. lecture, 3 hrs. lab in second term

Physical structure of the earth and physical properties of the earth's crust, gravity, seismology, terrestrial magnetism, introduction to methods of geophysical exploration.

Pre-requisites: Physics 46, Mathematics 55

Dr. Grayson-Smith pointed out that, heretofore, geophysics had not been taught in this University. He felt that, because of Edmonton's close proximity to the oil fields and the far north and its relation to the general geographic situation of this part of the world, such a course was now necessary. At the present time, the science of geophysics is featured only at the University of Toronto, although there are short courses in geophysical prospecting listed in the McGill and U.B.C. calendars. He felt that Alberta was the place where this kind of work should be offered.

It was moved by Professor Grayson-Smith, seconded by Professor Nichols, that the above course be approved. Carried.

The Chairman reminded Council that this course would go before the Committee on Time-tables and New Courses where it would meet with the question of priorities.

7. Other Business

(a) B. Sc., M. D. Course

The Chairman stated that he had received a communication from the Faculty of Medicine in the sense that they would like to discontinue the combined B. Sc., M. D. course and give entrance into Medicine by another arrangement. A minimum of two years in a University, with certain essential sciences included, would be demanded. This could be done in the existing B. Sc. pattern system. The Faculty of Medicine is interested in aboloshing the pre-medical class as a group.

The Chairman pointed out that it really isn't the business of this Council to tell the Faculty of Medicine what they should require for entrance into Medicine. Nevertheless, he had written a letter, pointing out some of the implications of such a step.

(1) There would be no place in any B. A. or B. Sc. program for Latin 4 which is a course much appreciated by the Faculty of Medicine.

(2) The medical students would be deprived of a rather substantial number of A and B electives which they can get under the present arrangement.

Chemistry 44 and Physics 41 were mentioned as two other courses that would be eliminated if such a plan were adopted. Psychology 51 was also involved. It was compulsory for pre-medical students but not open to ordinary B. Sc. students. However, Dr. D. E. Smith stated that he would like to see it listed as an open option for such students.

Dr. Stirrat, as a member of the Council of the Faculty of Medicine, stated that one of the problems was the fact that many students in the pre-medical group who are not selected for medicine feel that they have the stigma of failure attaching to them and their friends, also, look at the matter in that way. The fact that some of the A and B options would not be available in the new plan would be regarded by the Faculty of Medicine as an unfortunate consequence.

(b) Pre-doctoral Fellowships

The Chairman drew attention to pre-doctoral fellowships offered by the Canadian Social Science Research Council to the value of from $750 to $1500. Council was informed that details of the fellowships could be obtained from the office of the Dean.

(c) Biology 41 in relation to Botany 1 and Zoology 1

The Chairman reported that there had been a certain feeling of dissatisfaction about the situation with regard to Biology 41 as it now stands. He had received some sensible suggestions from students, one of them being that the course should be taken in the first year by B. A. students as their C Division course, with a choice of C Division courses being given in the second year. He felt that Council had not yet satisfactorily solved the problem of the best C Division choice for the first year B. A. He asked Council for permission to get together a committee to look into the question again and report back at the December meeting and possibly come with a proposal that may eliminate the difficulties that are sensed with the present arrangement. He stated that criticism was not being directed at the course itself but rather at its relationship to Zoology 1 and Botany 1, either of which could be selected in the first year.

It was agreed that the Chairman should appoint such a committee.

In answer to a question from Dr. Moss, the Chairman stated that the question of placing Physics 41 instead of Physics 40 in the Botany pattern would be dealt with at the December meeting of Council after the proposal of the Faculty of Medicine had been dealt with by General Faculty Council.

The meeting adjourned at 6:15 P.M.

John Macdonald

Dean

Minutes of the 426th meeting of the Council of the Faculty of Arts and Science held on Monday, December 4 at 4:30 P.M. in the Senate Chamber.

Present were: Dean Macdonald, in the Chair; Profssors Cormack, May, Owen, Lang, J. W. Campbell, Moss, Miller, Moore, Collins, Johns, Warren, Jones, Miss Patrick, Miss Duggan, Greene, Scargill, Ryan, J. D. Campbell, Collier, Mayo, Hanson, Davis, D. E. Smith, Rutherford, Stirrat, Thomas, Folinsbee, Stelck, Scott, Rice, Tuba, Grayson-Smith, Keeping, Newbound, Gowan, Harris, Walker, Long and the Registrar.

It was moved by Dr. Owen, seconded by Dr. Moss that the minutes be approved as circulated. Carried.

The Chairman welcomed five new members of Council, namely, Assistant Professors M. H. Scargill (English), C. R. Stelck (Geology), K. Newbound (Physics), E. Moore (Zoology) and J. Taylor (Fine Arts).

1. The Chairman mentioned that General Faculty Council had not disposed of the proposal in regard to Pre-medicine at its last meeting. Therefore, action concerning the course, Physics 41, would have to be delayed until the January meeting of this Council.

2. Report of the Committee on Biology 41

The report of this committee (Dr. Collins, Chairman; Dr. Rowan, Dr. Warren, Dr. Moss) was read by Dr. Collins who moved its adoption. Seconded by Dr. Warren.

Recommendations

1. That the Division C requirement for the first year in the B. A. programs be met by the institution of a course in Physical Geography;

2. That, until such time as a suitable course in Physical Geography can be provided, the said Division C requirements in the B. A. programs be met by Physics 1 or Chemistry 1 or Physics 41 or Chemistry 40, depending on the student's High School background in these subjects.

3. That Biology 41 and Physical Science 41 remain as the Division C requirements in the second and third years of the B. A. programs as at present.

In answer to a question, the Chairman stated that a new addition to the staff would be needed to give the course suggested and the course would probably be linked with the Department of Geology.

Dr. Folinsbee, as instructor in Physical Science 41, informed Council that half the class in Physical Science 41 offer Biology 41 and either Botany 1 or Zoology 1 or both as their background in science. Fifteen percent offer nothing. He felt that the choice of the science courses should be wider and that they should not be limited to geography or physics or chemistry. The students would be put in an unfortunate position if they did not have a physics or chemistry background. He suggested (1) a straight general science course with geography added for the first year; (2) for the second year, Botany 1, Zoology 1 or Biology 41; (3) for the third year, a Physical science course (Physics 41, Chemistry 40 or Physical Science 41). He felt that this would give students a fairly broad over-all picture of a science course as it should be taught to B. A. students. They would get both biological and physical sciences. He remarked that these suggestions were based on his experience with Physical Science 41.

Dr. Owen stated that a great many students wish to take Botany 1, Zoology 1 or Geology 1 in their first year for a very definite reason. They would probably choose such subjects because they are not interested in mathematical sciences. The committee's proposal would eliminate all three of the non-mathematical sciences and he questioned the wisdom of this. He suggested that Biology 41 be put in the second year as an option. Those who had selected a physical science course in the first year would have to take

Biology 41 in the second year while those who had selected a biological science in the first year would not be permitted to take Biology 41. Dr. Warren suggested another arrangement, namely, that a student be permitted to take Physics 1, Physics 40 and a further course in Physics during his three years if he so desired.

Dr. Miller felt that the course, Biology 41, could be made to fulfil the function originally planned for it, i.e., not a contraction of two courses but an entirely different course with the overlapping left out. Dr. D. E. Smith expressed his dislike of the whole idea of Biology 41 and Physical Science 41 and felt that wider options as alternatives to these courses should be available to B. A. students.

It was then suggested that anything done by this Council at the moment would have to be tentative, pending the outcome of the articulation question, but the Chairman expressed the opinion that there was probably nothing in the articulation question particularly relevant to this matter. He went on to say that the committee was thinking in terms of a course in physical geography if such were available in this University. It would be a special course which would be of more interest to B. A. students than to anybody else. There is no such course available now. The disposal of this motion would be to accept it or have an amendment from the floor in the sense that no change be made for the present until there is an opportunity to investigate the possibility of a geography course.

Dr. Moss felt that articulation might have some bearing on this. Physics and Chemistry would be taken by very few students in high school who were planning on entering the B. A. course. The Chairman pointed out that they would have to take one science at least. Dr. Moss suggested that the matter be left in abeyance for another year. His experience with Biology 41 was that there was always a wide range of students with varied backgrounds. Some had high school biology, University Botany, Zoology or physical sciences. It was very difficult to present a course to a mixture of students which was intelligible and at the same time to avoid making it too easy for certain students. He expressed himself as favoring standardizing the whole program of science for these students. Biology 41 would be a much better course if he were able to make certain assumptions about the background of the students. At present, for example, Biology 41 was taken by Education students at all levels, from first year to the M. Ed. level.

The Chairman reminded Council that, in January, it would be asked to specify its matriculation subjects. What would be discussed in General Faculty Council (articulation) was another matter of principle which had no bearing on the discussion in this Council. There were two courses open: (1) refer this question back to the committee for further thought; (2) pass an amendment to the effect that no action be taken in regard to this report until such time as the matriculation question has been definitely settled.

Dr. Scott asked if it would be reasonable to add Geology 1 to the options of the first year, thus admitting a non-mathematical science and at the same time not admitting those courses that are repeated in Biology 41.

Dr. Moss replied that it would be feasible if one could assume that all the students have had Geology 1. He asked Dr. Folinsbee how much Geology came into the Physical Science course in the final year. Dr. Folinsbee replied that the geology given in this course did not overlap with Geology 1 as taught now.

It was moved by Dr. Owen, seconded by Dr. Folinsbee that the whole question be postponed until it was known what the matriculation requirements for this Faculty would be. Carried.

3. Report on Divisioning

The report of the committee appointed to investigate this question (Dr. Grayson-Smith, Chairman; Professors Mayo, Jones, Owen and Miller) was given by Dr. Grayson-Smith who made it clear to Council that it was merely a progress report. He stated that the problem had been discussed in a broad way but that more information was needed from departments not represented on the committee before a detailed report could be made, particularly on the point of possible overlapping between departments, what co-operation between departments actually exists, how much routine administration there is in the different departments, and then to ask the departments their feeling about amalgamating into slightly larger groups. The committee intended to obtain what information they could by interviews between members of the committee and other departments.

The Chairman mentioned that a somewhat analagous situation was dealt with by a committee this past summer in departmentalizing the Faculty of Education. He himself was a member of that committee. When the committee attempted to departmentalize that faculty, it found that that scheme would be an extremely artificial type of thing to impress on it. A divisioning was arranged: graduate work; secondary school training; primary school training; education psychology and philosophy. Those in charge were called chairmen of divisions. However, he went on to say that that was a different situation. The present problem was to arrange for divisioning a faculty which was already departmentalized.

4. Request from Gateway

The Chairman reported that this request was to the effect that this Faculty institute a course in Journalism. He had asked the editor of the

Gateway to appear at the meeting and to make his request in person, but the editor had decided he would like a little more time to prepare a statement. Therefore, the question would be deferred until the next meeting of Council.

5. Calendar Changes

(a) Chemistry

Chemistry 106 Advanced Inorganic Chemistry second half
3 hrs. lect., 3 hrs. lab.

Advanced chemstry of the elements with particular emphasis on the less common ones.

Pre-requisites: Chemistry 42, 54, 58

Dr. Walker reported that the content of this course had been changed to some extent and the wording in the calendar was changed to correspond to it. He now proposed that the course should revert back to the subject material given formerly. It would be given in alternate years. He moved that the above change be approved, seconded by Dr. Davis. Carried.

(b) History

History 70 British History since 1815 3 hours lect.

This new course was proposed by Professor Long to fill a gap in the offerings of the department. He stated that it would cover the period in British History from 1815 to the present day. No additional expense would be involved in that the present instructional staff would be adequate to take care of it. It was moved by Professor Long, seconded by Professor Thomas that this new course be approved. Carried.

(c) Music 41 in Calgary (Faculty of Education)

The Chairman reported that he had received a request from the Faculty of Education for permission to include Music 41 in the Calgary offerings for first and second year students in Education. It was moved by Professor Long, seconded by Professor Keeping that this be approved.
Carried.

(d) Zoology

Zoology 104 Conservation Topics

A reading and seminar course designed to cover biological conservation as practised in North America.

Dr. Miller explained that this was a reading and seminar course designed to cover biological conservation as practised in North America and would be for students in Honors Conservation Biology and certain graduate students. Although the course had actually been in existence, he felt that it should have a name and a number in the calendar. It was moved by Dr. Miller, seconded by Dr. Moss that the course be approved.

Dr. Moss raised the question of the number of hours involved. Dr. Miller stated that this would be rather flexible since the students involved (two) submitted bi-weekly reports on their reading. The Chairman suggested that Dr. Miller report to the Honors Committee on the weight to be given the course since it was felt that there should be some indication in the calendar. The question of pre-requisites was also raised, but Dr. Miller pointed out that, as only honors students and graduate students were involved, the situation could be easily controlled.

The course was approved.

(e) English

Professor Jones stated that, some time ago, English 68 had been approved by Council and had appeared in the calendar since, although it had never been given. He moved that it be dropped from the calendar and in its place, English 60 be re-instated. This is the course in Milton that used to be given. Motion seconded by Professor Ryan. Carried.

(f) Physics

Professor Grayson-Smith asked that a note be inserted under the physical sciences pattern to the effect that students in the second year physics may substitute Chemistry 42 for a second biology. He so moved, seconded by Dr. Scott. Carried.

(g) The question was raised by Dr. Folinsbee with regard to the fact that he was finding students in Physical Science 41 other than third-year students, although he had been under the impression that the course was restricted to third-year students only. Apparently students from the Faculty of Education took the course and he had discovered that some of these were in their first or second year and had no science background whatsoever. He moved that the course be restricted to third-year students, seconded by Dr. Rutherford.

It was pointed out that the calendar states that Biology 41 is restricted to second year B. A. students only, but the Chairman did not feel that this was taken to mean that Education students would be excluded from the course. It did mean that B. Sc. students were.

Dr. Folinsbee's motion was put to the vote and carried. This would appear in the calendar.

(h) Dr. D. E. Smith, in this connection, asked that a note be inserted in the calendar regarding Psychology 51 to the effect that the course be restricted to beginning students in psychology in order to eliminate students who have already had several courses in general or educational psychology. He so moved, seconded by Dr. Whyte. Carried.

6. The Chairman reminded Council that the closing date for applications for sabbatical leave is December 15th.

7. Consolidated Tests at Christmas

Mr. Taylor reported that, at the last meeting of General Faculty Council, it had been agreed that all lectures in the Faculty of Arts and Science would be cancelled for December 20 and 21 in order to carry out a schedule of consolidated examinations. He recommended that the list be regarded as closed as it would now be impossible to work in any more courses. He informed Council that the schedule would be distributed to departments shortly.

8. Collection of Examination Papers

Mr. Taylor reported that last year, in a few cases, students' papers apparently had been lost. He requested that papers be collected from the students rather than be left on the tables for collection by supervisors.

Council was reminded that all tests, other than consolidated tests, would be held in the regular lecture period before December 20th. Consolidated tests would be written in the University gymnasium.

The meeting adjourned at 5:45 P.M.

Dean

Minutes of the 427th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, January 8, 1951 at 4:30 P.M.

Present were: Dean Macdonald, in the Chair; Professors H. E. Smith, Miss Duggan, Miss Patrick, Lang, Owen, Rowan, Nichols, May, Grayson-Smith, Cook, Phibbs, Cormack, Davis, Harris, Hardy, Collier, Collins, Gowan, J. D. Campbell, Johes, Scargill, Ryan, J. W. Campbell, Miller, Moore, Stelck, Johns, Folinsbee, Tuba, Thomas, D. E. Smith, Whyte, J. W. Morrison, Wyman, Scott, Glyde, Newbound, Stirrat, Rice, Warren, Keeping, Greene, Mayo, Hanson, Moss, Walker, Long and Mr. Taylor.

After indicating a change in the minutes on Page 2, paragraphs 3 and 4 - the word articulation changed to read matriculation - the Chairman called for a motion to approve the minutes. It was moved by Dr. Owen, seconded by Dr. Whyte that the minutes be approved as circulated. Carried.

1. Representation from the Gateway

The Chairman introduced Mr. J. S. Woods, retiring editor of The Gateway, and asked him to comment on the brief which he had made available to Council members.

The essential points of the brief were as follows:

(a) The problem of securing trained staff to produce The Gateway was recurrent and serious. Students who participated in this work found that it interfered with their academic work.

(b) The Gateway was being sent to points in the province, particularly to high schools and in its present form, it did not reflect well on the University.

(c) In contrast with the University Athletic Board which received considerable help from the Physical Education Department, the Gateway received no direct help from the Faculty, and the Faculty of Arts, it was felt, should be directly interested in raising the standard of The Gateway.

(d) For several reasons, it had been necessary to reduce the weekly publication to one issue instead of two, and it was felt that this was not sufficient to give full coverage to student activities.

(e) In view of the fact that a considerable number of the students graduating in Arts went to the field of journalism and that a course in journalism would be helpful to those students, the Student Council had recommended that such a course be established.

The course might, or might not, be labelled"Journalism". It should be aimed at giving training which would be useful for individuals entering journalism and further, The Gateway would naturally look to students who were taking such a course for suitable material to carry on the work of The Gateway.

Dr. Warren asked Mr. Woods whether the appointment of a full-time man to do the"spade-work" would be useful and possible; Mr. Woods replied in the affirmative to this question. In answer to another question, he stated that no advertising was lost by reducing the weekly issues to one instead of two.

Dr. D. E. Smith asked Mr. Woods whether he had looked into the question of the usefulness of a course in journalism as a training for the practical work on a newspaper. Mr. Woods quoted some evidence from an American publication to suggest that the general cultural background given by the Arts course was not sufficient to meet the demands of good newspaper reporting. In answer to Dr. Scargill, Mr. Woods admitted that the greatest difficulty that beset The Gateway with regard to material arose from the fact that the material submitted had usually to be completely re-written by the editorial staff. At this point, Mr. Woods withdrew from Council.

The Chairman stated that several courses were open to the Council:

(1) It could recommend the institution of a course in journalism to count as a credit in the Faculty of Arts and Science;

(2) A new course could be instituted which would aim at giving training in good writing. It would not necessarily be called a course in journalism;

(3) The Council could recommend that some form of recognition could be given for work done on The Gateway. In this connection, the Chairman read a letter from Professor Salter, now on sabbatical leave in England, in which he went into some detail regarding this whole question. The letter contained suggestions in regard to the possibility of arranging for academic credit for work done on The Gateway. Professor Salter's letter reviewed the past history of this issue. He commented on the difficulties involved in such an arrangement and he made some concrete suggestions towards overcoming these difficulties. The essence of his suggestion was that a faculty adjudicator should be appointed who would have the duty of assigning credits to work done on The Gateway. Professor Salter felt that the appointment of such an official should be made a matter of express legal arrangement between the University and the Students' Council and that, as far as possible, his sphere of duties and his responsibilities should be precisely defined. The object of this arrangement would be, on the one hand, to protect the interests of the University and, on the other, to obviate any feeling on the part of the students that the work on The Gateway was being in any way directed or controlled by the administration.

At this point, Dr. Warren stated that, in order to get the situation before the Council for formal discussion, he was prepared to move

"that a course in journalism be instituted."

This was seconded by Dr. Mayo.

Considerable discussion followed. Dr. Owen expressed the view that the production of The Gateway should be regarded as entirely a students' affair and that the Faculty should not be drawn into it at all. He referred to the deplorable kind of English which newspapers, including The Gateway, indulged in and suggested that this was simply a wilful misuse of the English language which this Council should not be asked to try to correct. Professor Jones agreed generally with Dr. Owen. He stated that a course in journalism was given in the University some years ago but it had been dropped in 1922 because it was felt that it served no useful purpose. He referred to a statement made by Dr. Dafoe of the Winnipeg Free Press on the occasion of his visit to this campus, in which he said that, although a course in journalism was useful in teaching the "tricks of the trade", he felt that any intelligent person could master such tricks in six months or a year in a newspaper office. Colonel Woods of Calgary expressed the same opinion. Professor Jones suggested that the opinions of newspaper men who have made a name for themselves without courses in journalism and who graduated from this University could well be consulted.

Dr. Mayo, supporting the motion, expressed the opinion that this Council could not altogether wash its hands of The Gateway's request. He felt that there was some room for a course in journalism in that it would include instruction in interpretive writing, grammar, precis writing and so on which would be beneficial to anybody. He stated, also, that the Department of English would probably be quite able to give most of the material which would be included in such a course.

It was pointed out by Dr. Warren that the President of the Men's Athletic Board and the Women's Athletic Board were called upon to spend at least four hours a day on their particular job and that, to date, he knew of nobody in such positions whose scholastic work had suffered unduly. However, he felt that, when such a request was submitted by an organization like The Gateway, it should not go unheeded.

Dr. Rowan moved an amendment to the effect

> "that the whole issue be referred to a committee for further study."

This was seconded by Dr. D. E. Smith who went on to say that the effect of a course in journalism should be investigated further by getting opinions from newspaper editors as to the effectiveness of journalistic teaching.

Dr. Miller expressed himself as in favor of the amendment. He suggested that the committee appointed consider such things as whether this Council wants to help The Gateway in any way, whether it feels it can recommend a course in journalism for that purpose and any other recommendations it might wish to bring in.

The amendment was put to the vote and carried.

2. Matriculation Requirements for the Faculty of Arts and Science

The Chairman referred to decisions already taken by the General Faculty Council to the effect that:

(1) A six-unit matriculation with an average of 60% and without reference to pre-requisities should beinstituted;

(2) The High-School diploma should be required. This meant that English 3 and Social Studies 3 constituted two of the six units.

Council was now asked to select the particular four units out of the remaining five Grade XII units which were available.

It was moved by Dr. Walker, seconded by Dr. D. E. Smith that the following matriculation be required for the B. A.:

> English 3, Social Studies 3, Mathematics 3, the second unit of a foreign language; two of: a second foreign language, Chemistry 2, Biology 2 and Physics 2.

This motion was put to the vote and carried.

It was moved by Dr. Walker, seconded by Dr. Whyte that the following matriculation be required for the B. Sc.:

> English 3, Social Studies 3, Mathematics 3, the second unit of a foreign language; two of: Biology 2, Chemistry 2, Physics 2.

The motion was put to the vote and carried.

The Chairman pointed out that the above matriculations would permit entrance into any pattern in the B. A. or the B. Sc. and that high school students must not feel that they have to take certain courses to get into certain fields. So far as professional schools were concerned, footnotes could be used to suggest certain combinations of courses. It was stated that the "one" courses could take care of students who wished to enter certain patterns where they were lacking a pre-requisite course.

In answer to a question from Dr. Grayson-Smith, the Chairman agreed that it would be in order to insert a footnote to the effect that students planning to enter the physical sciences would be well-advised to take Physics and Chemistry. Dr. Whyte felt that this might be a dangerous move since the biological departments really didn't care if a student had previous knowledge of the subject or not and thus, suggesting to students that physics and chemistry should be taken for anything might tend to eliminate the teaching of Biology in the schools altogether. However, it was agreed that it would not be fair to penalize students in any way because they produced a matriculation lacking either physics or chemistry and yet desired to enter the physical sciences.

Concerning the matriculation for Household Economics, Miss Patrick stated that Physics was really necessary but that heretofore, students had been accepted without it, making up the deficiency in their first year. Miss Patrick moved, Miss Duggan seconded, that the following matriculation should be asked for Household Economics:

English 3, Social Studies 3, Mathematics 3, the second unit of a foreign language; two of: Physics 2, Chemistry 2, Biology 2.

A footnote would be added to the effect that students were advised to take Physics and Chemistry. Carried.

It was moved by Professor J. D. Campbell, seconded by Mr. Hanson, that the following matriculation be adopted for B. Com.:

English 3, Social Studies 3, Mathematics 3; three of: Physics 2, Chemistry 2, Biology 2, French 2, German 2, Latin 2.

It was to be added in the calendar that arrangements could be made to include in the Commerce curriculum a course in the matriculation language for those who presented a matriculation language.

The motion was put to the vote and carried.

3. Physics 41

The Chairman informed Council that the Faculty of Medicine was going to recommend to General Faculty Council that the pre-medical course as it now stands be abolished. This would mean that the course, Physics 41, which had been adopted for use by pre-medical students, now would have no particular status.

It was moved by Dr. Grayson-Smith, seconded by Professor Nichols, that the note referring to the fact that this course was offered to pre-medical and pre-dental students only be deleted and that the course be offered as another course in Arts and Science and, in particular, it be available for the biological sciences patterns and to students in the Faculty of Education. In answer to a question by the Chairman, Dr. Grayson-Smith stated that, so far as the Department of Physics was concerned, it would be considered a junior course alternative to Physics 40 but not to be taken with Physics 40.

The motion was put to the vote and carried.

4. Calendar Changes - School of Commerce

(a) Accounting 55 and 56 to be now called "Business Administration 55 and 56" and a sub-heading placed in the calendar similar to Commercial Law.

(b) Under "Bachelor of Commerce with Honors in Business Administration":

A. Compulsory Courses:

Business Administration 101. Advanced Theory in Accounting and Auditing Standards. (Canadian, American and English Schools of Thought.)

Business Administration 102. Industrial Management. (Extension of the work covered in this field in Business Admin. 55 and 56.)

Business Administration 103. Research Thesis. (Based on some specialized aspect of Business Administration.)

B. Optional Courses (two of the following):

Business Administration 104. Specialized Accounting Systems. (This will entail study of the peculiarities of special types of business from an Accounting standpoint.)

Business Administration 105. Advanced Cost Accounting. (This will be represented by an extension of the work covered on Costs in the undergraduate courses of Accounting 52, 53.)

Approved options in Political Economy.

Professor Campbell explained that the above courses were now being given to two students who were taking this final year but that no actual number had been allotted to the courses although they had been approved already by this Council.

It was moved by Professor J. D. Campbell, seconded by Professor Hanson "that the above changes be approved."

Motion carried.

The meeting adjourned at 6:30 P.M.

John Macdonald

Dean

February 6, 1951.

Minutes of the 428th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, February 5, 1951 at 4:30 P.M.

Present were: Dean Macdonald in the Chair; Professors Whyte, Cormack, Lang, Owen, H. E. Smith, Scargill, Moss, Ryan, Collier, Brown, Newbound, Collins, Mardiros, Strickland, Rowan, Keeping, Miller, Moore, Morrison, May, Grayson-Smith, Warren, Thomas, D. E. Smith, Scott, Johns, Folinsbee, Gowan, Miss Patrick, Miss McIntyre, Walker, Davis, Harris, Greene, Mayo, Hanson, Stelck, Stirrat, Glyde, J. W. Campbell and Mr. Taylor.

The Chairman indicated that, in the circulated minutes in the matriculation prescription for the B. Com., the word "or" should be inserted after French 2 and German 2. With this amendment, it was moved by Dr. Owen, seconded by Dr. Lang that the minutes be approved. Carried.

1. Committee re Gateway Request

The Chairman announced that a committee to investigate the Gateway's request for a course in journalism had been appointed and would report in due course, possibly at the March meeting of Council.

2. Divisioning Committee Report

Generally speaking, the Committee expressed itself as opposed to divisioning but its report contained certain positive and specific recommendations.

Recommendations

(a) That special committees of the groups concerned be set up to discuss amalgamation and co-ordination in

(i) The Social Sciences group, including Psychology and History;

(II) The Biology group, including Entomology and Genetics.

(b) That a committee be appointed to re-examine and amend if necessary the general B. A. and B. Sc. patterns. It is suggested that this should be a standing committee, to meet at least once a year at the time of the calendar revisions.

(c) That Departments be asked to prepare brief outlines of the courses offered and make them available to other Departments on request.

It was moved by Dr. Grayson-Smith, seconded by Dr. Owen that the committee's report be approved. A copy of the report is attached at the end of these minutes.

The Chairman stated that he thought the time had perhaps come to re-examine the pattern system. This would mean the appointment of a fairly large and representative committee. The committee would not need to present its report until the November meeting of Council. Part of its task would be to investigate the implications of the abolition of the B.Sc.,M. D. course. Dr. Grayson-Smith thought that there was some possibility that certain departments might be amalgamated, but he felt the question should be considered by committees of those departments before anything further was done. With regard to (c) recommendation, he stated that the purpose of it was for use in advising students without having to refer them to particular departments.

The Chairman referred to recommendation (b) - that the committee appointed would be a standing committee which would meet at least once a year. He suggested that it might be better to postpone decision on this point until the committee had presented its report. Mr. Taylor referred to (c) and mentioned that this was not the first time he had seen this suggestion. He stated that outlines become out of date very quickly. The question here would be as to where such outlines should be lodged, and he was afraid they would end up in the Registrar's Office.

Professor Ryan, ~~a member of the committee~~, explained that he was interested in courses in French, Classics and History from the point of view of what to advise English students to take. He felt that more than the calendar description of these courses was needed at registration time. He did not intend such outlines to be lodged in the Registrar's Office but rather to be kept by each department for the use of other departments, particularly at registration.

Mr. Thomas referred to point (i) under recommendation (a) which apparently took for granted that History is a social science. He pointed out that this was a debatable point and the History Department would be very reluctant to see it linked with the social sciences at the expense of being linked with Classics, Philosophy and the foreign languages.

On being put to a vote, Dr. Grayson-Smith's motion was approved by Council.

Dr. Grayson-Smith then suggested that the Chairman be asked to appoint the committee referred to in the recommendations. The suggestion was accepted.

3. Science Prescription for B. A. Students

The Chairman suggested that, with permission of Council, he would like to include in the Agenda the report of the Committee set up to examine Biology 41. The report had been tabled at the last meeting of Council. In the meantime, he had added Dr. Whyte and Dr. Folinsbee to the committee. A new report was now being submitted in the form of suggested sciences patterns for B. A. students for the first, second and third years. These were set forth in the mimeographed sheets which the members had before them.

Course in Geography

In its earlier report, the committee had suggested that a course in geography in this Faculty would perhaps be the right answer to the whole question. This Council seemed to be welldisposed to a course in geography, but no formal resolution was made in this Council to ask the authorities to institute such a course. Dean Macdonald asked whether Council wished to go on record, formally, as requesting a course in geography as soon as it could be instituted.

Dr. Warren moved and Dr. Collins seconded that this Council request a course in geography to be established as soon as possible.

In this connection, Dr. Johns stated that the Social Science Research Council of Canada was making a survey of the teaching of geography and that a representative would be visiting the University in April. He suggested that a committee might meet with him to discuss the possibilities. In the discussion that followed, it was brought out that, although physical geography had been specifically mentioned in the previous discussion, it might not be advisable at this stage to limit the scope of the course. Dr. Owen suggested that Archaeology might find a place in connection with such a course. Dr. Warren, however, reminded Council that the geography course had been suggested as a science option in the first year. Dr. Mayo referred to the half-course in Economic geography now being given by the Department of Political Economy to first-year Commerce students, and suggested that that course could well be discontinued if a suitable geography course were instituted at the first-year B. A. level.

The motion was put to the vote and carried unanimously.

Suggested Science Patterns for B. A. Students

Matriculation Subjects	First Year	Second Year	Third Year
1. Matriculation with Biol. 2 and Phys. 2 option	Chem 1	Biol. 41 or Bot. 1 or Zool. 1	Phys. Sci. 41 or Div. C. course
2. Matriculation with Biol. 2 and Chem 2 option	Phys. 1	Biol. 41 or Bot. 1 or Zool. 1	Phys. Sci. 41 or Div. C. course

B. A. Science prescription continued)

Matriculation Subjects	First Year	Second Year	Third Year
3. Matriculation with Phys. 2 and Chem 2 option	Lab. Science, (other than Bot. 1 or Zool. 1	Biol. 41 or Bot. 1 or Zool. 1	Phys. Sci.41 or Div. C course
4. Matriculation with Phys. 2 option	Chem 1	Biol. 41	Phys. Sci.41 or Geol. 1
5. Matriculation with Chem 2 option	Phys. 1	Biol. 41	Phys. Sci.41 or Geol. 1
6. Matriculation with Biol. 2 option	Chem 1	Phys. 1	Biol. 41

Dr. Whyte explained the principles underlying the suggested science options. Students taking Biology 41 and Physical Science 41 would have a more uniform background. It would be possible for a B. A. student to take a total of four science courses, if he so desired. The science options selected would depend on the sciences offered by the student in his matriculation program. He would be directed into the proper courses at time of registration.

It was moved by Dr. Whyte, seconded by Dr. Collins that this outline be adopted. Dr. Whyte explained that the only time-table difficulties involved were slight and could be handled without too much trouble. Dr. Smith raised a question concerning Physical Science 41, namely that it seemed to appear a great deal and in No. 4, for example, the leaning seemed to be too much on physical sciences. Dr. Whyte explained that Physical Science 41 merely tied together Physics and Chemistry. It did not repeat.

Dr. Moss pointed out that students transferring from B. Com., for example, would not be provided for under the arrangement. The Chairman suggested that cases of this sort could be provided for, as in the past, by special adjustment; it did not seem desirable to allow such cases to influence to any extent the requirements for the regular B. A. students. In answer to a question from Dr. Miller as to why only Biology 41 appeared in the second year in the special B. A. outlines (4, 5 & 6), Dr. Whyte explained that these students were coming in with no Biology in their matriculation at all, and it was felt that such a course would be the best one for them to take.

The motion was put to the vote and carried.

4. Calendar Changes - Chemistry 107

Dr. Walker reported that the change in question merely involved the number of hours - a change from two hours lecture and six hours laboratory to three hours lecture and three hours laboratory, half term. He moved that this be approved. Dr. Morrison seconded. Motion carried.

5. Request from Faculty of Education, Calgary Branch

The Chairman informed Council that this request would require further investigation before being brought before Council.

6. Special Case - Edgar Nelson

The Chairman explained that Mr. Nelson, a B. A. student, now found himself in a position of having one course left to complete, namely Physical Science 41 which cannot be taken in the summer session. He asked permission to substitute a History course for the Physical Science. He was 37 years of age and his record so far was reasonably good. It was moved by Dr. Owen, seconded by Dr. Davis, that his request be approved. Carried.

7. Other Business

The Chairman referred to a communication from the Dominion Bureau of Statistics which dealt with the publication of post-graduate scholarships and fellowships open to Canadian students and embracing the humanities, social sciences, natural sciences and pure and applied sciences. The publication in question could be obtained for 25¢ by anybody who was interested. Copies were available in the Registrar's Office and in the Library.

The meeting adjourned at 5:15 P.M.

John Macdonald

Dean

Minutes of the 429th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, April 2, 1951 at 4:30 P.M.

Present were: Dean Macdonald, in the Chair; Professors Johns, Patrick, Stelck, Owen, Lang, Collier, McIntyre, Duggan, Tuba, Whyte, Stirrat, Scargill, Cormack, Warren, Ryan, Mardiros, Collins, Rowan, Strickland, Jones, Folinsbee, Mayo, Hanson, J. D. Campbell, Moore, Miller, Faucher, Greene, J. W. Campbell, H. E. Smith, Grayson-Smith, Davis, Newbound, Harris, Keeping, Scott, Moss, D. E. Smith, Thomas, Gowan, Rice, Orchard and Mr. Taylor.

The Chairman mentioned that, on Page 2 of the circulated minutes, in the first sentence of the first paragraph, the phrase "a member of the committee" should be deleted as Professor Ryan was not a member of the committee concerned. With this amendment, the minutes were approved as circulated on the motion of Dr. Owen, seconded by Dr. Lang.

1. Committee for B. A. and B. Sc. Patterns

The Chairman announced the personnel of a committee appointed to look into the B. A. and B. Sc. pattern arrangement. The committee would be asked to report at the November,1951 meeting of Council. Committee members were: Dr. Walker, Chairman, Dr. Miller, Dr. Collins, Mr. Ryan, Dr. Johns and Dr. Grayson-Smith. The Chairman stated that, of the six members, only two were members of the original committee that organized these patterns, and he had weighted the present committee in this manner deliberately.

2. Report of the Committee on The Gateway

The Chairman called upon Dr. Warren as Chairman of the Committee to read his report:

Report of the Committee

(1) The possibility or desirability of taking any steps at all in this matter. Your committee was of the opinion that the Faculty should not disregard an appeal for help from a student organization but should investigate the troubles besetting The Gateway and advise or give any practical assistance to The Gateway in accordance with sound University policy.

(2) and (3) The desirability of instituting a special course to be labelled a course in Journalism, and the vocational opportunities open to students who have taken such a course. The main reason given by Mr. James Wood in appealing to the Faculty for a course in Journalism at this University was the assistance it would give to the Gateway staff. This appears to be rather a narrow foundation for instituting such a course, and it is doubtful if many students would take the course for that reason. It seems more reasonable that we should investigate the advisability of instituting a course in Journalism from the professional point of view. To this end the leading daily and weekly newspapers in Canada were circulated, asking for answers to the following questions:

(a) Do you prefer University graduates in making junior appointments on your paper?

(b) If so, do you prefer graduates from a recognized School of Journalism?

Replies were received from 14 papers and the answers varied greatly. The great majority preferred University graduates for positions as junior reporters; 5 preferred graduates from a good School of Journalism but stressed the necessity of a broad educational background (they appear to be well impressed with the two Schools of Journalism in Canada); 3 had no preference; 4 preferred a graduate from the Faculty of Arts and Science; 2 appeared to be opposed to any University graduate.

It would appear from these replies that opinion is much divided among Canadian newspapers as to the value of Schools of Journalism as opposed to a general broad education in Arts. It is noted that the papers in the closest proximity to the Schools of Journalism are inclined to favour graduates from those schools. It is also noted that this favour has been lately won through the Schools of Journalism giving a more "practical" course than has hitherto been the custom. On the whole, your committee would consider that the institution of a course of Journalism at this University is not a pressing matter at the present time, so far as the professional side of the picture is concerned. It is very probable that a student graduating from our University with an Arts degree could spend a year or two studying in a School of Journalism and so get a "professional status".

With regard to obtaining positions with newspapers on graduation from a School of Journalism, it is noted that some of the replies from papers favouring a professional course pointed out that the number of yearly appointments of new personnel to their staff was very small, and it was quite possible to gather from their replies that there were sufficient Schools of Journalism now in Canada to supply the "market". The number of newspapers in Canada is decreasing and not increasing, which will affect adversely the openings for new personnel.

Your committee also wishes to point out that the introduction of even one course in Journalism at this University will probably require a new appointment to the staff. The committee feels that it is not in a position to commend or condemn a course in "senior composition" as an assistance to prospective journalists.

(4) The feasibility of giving academic credit for work done on The Gateway. Your committee does not consider it feasible to give academic credit for work on The Gateway unless such work could be required as, or substituted for an assignment in a University course. Presumably such an arrangement could be made only if a course in Journalism is instituted. The work of the average student on The Gateway could hardly be equated with any part of our present Arts courses. The time spent on Gateway work is probably no more than that spent by other students on University activities with no request for academic credit. The committee considers that student activities should be kept completely divorced from academic activities.

(5) Any other relevant consideration that may present itself. The chief reason Mr. Wood advanced for the institution of a course in Journalism was the amount of work involved in re-writing news stories by reporters and the general hack work of seeing the paper through the press. The readiest solution of this difficulty appears to be the appointment of a senior student or graduate who would be paid to do this work. The Council of the Students' Union found it necessary to employ a permanent secretary and the University Athletic Board employs a part-time assistant to relieve the senior officials of many of the time-consuming chores. With The Gateway reduced to one issue a week, the necessary funds should be available.

Dr. P. S. Warren, Chairman

Dr. Warren moved the adoption of this report, seconded by Dr. D. E. Smith.

It was pointed out that the editor of The Gateway is paid by the University and by the Students' Union and therefore should be prepared to do a fair amount of work in turning out the paper. However, it was generally felt that there were some jobs involved in getting the paper to press that could be done by someone hired specifically for that purpose. This would relieve the editor of a good deal of the kind of work that was likely to interfere with his studies. It was felt, also, that The Gateway's financial position was such that no hardship would be felt in this respect if such a full-time person were employed.

Dr. D. E. Smith remarked that his study of degrees in Journalism as described in the calendars of universities offering such degrees convinced him that, on the whole, the programs were conceived on sound lines and could compare well with other professional courses now offered by this University.

On being put to the vote, Dr. Warren's motion was carried.

3. Recommendation re Drama 44

Professor Orchard made the request that Drama 44 be dropped from the Faculty of Arts and Science as the enrolment of Arts students had dwindled to the point where it did not seem desirable to continue it as an offering of this faculty. He pointed out that, since Arts students could not go on with a practical course in Drama, many of them did not see the point in taking one junior course which they could not follow up. The course could be revised to suit the needs of the Faculty of Education if it were limited to Education students only. He moved that the course be dropped from the Faculty of Arts and Science, seconded by Dean H. E. Smith. Carried.

4. Courses in Ukrainian Language and Literature

A letter from St. Johns' Institute, Edmonton, addressed to the Registrar was read by the Chairman in which a request was made that a course in Ukrainian language and literature be instituted at the University of Alberta. It was stated in the letter that there was some student demand for such a course. The Chairman stated that he had taken the matter up with Dr. Owen who had indicated that, while he regarded the proposal as a reasonable step towards the development of Slavonic studies, he would not be favorably disposed to it if it would interfere in any way with what the Department now offered. A letter was also read by the

Chairman from President Kirkconnell of Acadia University, an authority on the Ukrainian language and literature, to whom the Chairman had written concerning this matter. The letter is quoted below.

> "There is, of course, no easy answer. So far as the disciplinary value of the language itself is concerned, it would be quite as valuable as Latin or Russian and considerably more exacting than French or Italian. The literature, however, is of minor rather than major importance, and extends back effectively for only one hundred and fifty years.
>
> "Might one criterion be the extent of student demand as distinguished from political pressure? If thirty students want Ukrainian and only two or three want Spanish, I would be inclined to accommodate the majority, even though the literature, academically considered, has less prestige value. On the other hand, if there is very little real student pressure, there is no point in setting up the course.
>
> "One difficulty at the moment lies in the lack of a good Ukrainian-English dictionary. An excellent grammar was published two years ago, but I happen to know that the large scale dictionary by Professor Andrusyshen, prepared with a large subsidy from the Carnegie Corporation, is still looking for a publisher and will certainly not be available for another two or three years. Might there be some wisdom in waiting until the academic tools are ready before setting up the assembly-line?
>
> You could find out From Dean Leddy of the University of Saskatchewan something as to the relative enrolment in the different language departments. They offer considerable work in Ukrainian, but I have no idea as to student demand.
>
> (Signed) Watson Kirkconnell"

It was felt by the Chairman that the distinction between political pressure and student demand was a point well taken. He felt that political pressure rather than student demand was behind the present request. To his knowledge, there was no particular pressure that he knew of from the students. If such a course were offered, a considerable number of students would no doubt take it. But in the summer session, those taking it would be teachers who should be taking Latin, German or French - courses which could be used in the educational system in this province. He explained that the President had been approached in the matter for two reasons: (1) a letter had been addressed to the Senate by the principal of St. John's Institute and (2) it was desirable to have some idea of the prospects for implementing such a course. The Council would be embarking on a rather undesirable policy if it began approving a number of courses which, as a matter of fact, would not really be implemented for a quite indefinite time. He mentioned that there are two such courses now - Geophysics and Geography. He felt that a course should be recommended only when there was good reason for thinking that it could be implemented in the near future.

The President had expressed the view that it would be unwise to expand into this field at the present time. He suggested that if the sponsoring organization was prepared to endow a chair, the matter would be quite different. The Chairman advised Council he felt it should go on record that it is not prepared at the present stage to recommend to General Faculty Council and the Board of Governors that such a course be instituted.

Dr. Owen stated that the proper place for the study of the Ukrainian language and literature was in connection with graduate work in Slavonic studies. He felt that the time had not been reached where there was any kind of demand for work of this kind. He explained that Russian was more basic than Ukrainian and was of world importance, and since it had only been offered for a few years, it should receive more concentration at the present time. He made the suggestion that Ukrainian be offered in the evening as part of an Extension program.

It was moved by Dr. Owen, seconded by Dr. Johns

"that the Faculty of Arts and Science does not consider that this is an opportune time for the introduction of Ukrainian for academic credit but that the matter will be open for consideration at a later date when there is a need for the giving of a course in Ukrainian from an academic point of view."

Carried.

4. Recommendations from the Department of Political Economy

Dr. Mayo explained that, until about four years ago, no courses in Political Science were offered in this University. There was a course in political theory which had been given a few years previously. This was revived again and has been given for the past four years. He stated that there was a growing demand for courses in political science at both the undergraduate and the M. A. level. For this reason, he felt that it seemed to fit in with the general policy of the University that the teaching of political science should be expanded to the point where it was comparable to that in other universities in Canada. In view of this, the Department wished to make the following recommendations.

(a) Political Economy 62 - Introduction to Political Science

to be abolished.

Political Science 3 - Introduction to Political Science

to be offered as a first-year course.

The content of Political Science 3 will be the same as former Political Economy 62. The brief calendar description may be re-written to make it more explicit.

Calendar description

An introductory study of the democratic constitutional state, with special reference to Canada, Britain and the United States. Among the topics treated are the legislature, its composition and working; the executive and its relation to the legislature; the administration, political parties and pressure groups, constitutions, and (brieftly) the nature of Canadian federalism.

Text: Corry, Democratic Government and Politics.

(b) The Present course, Political Economy 63, Political Theory, to be re-named Political Science 63, Political Theory. Otherwise, no change.

(c) A new senior course, Political Science 55, to be added, and called International politics. The calendar description of this course to be thus:

Political Science 55 - International Politics

A study from the viewpoint of political science of the elements and general nature of the relations between modern states. The framework and functioning of international institutions -- law, diplomacy and organisations -- is studied, and attention is paid to the political and other forces at work, including the role of power, and the efforts to achieve international peace.

Text and readings: to be announced.

(d) A new senior course, Political Science 56, to be added and called Federal Government, with calendar description as follows:

Politidal Science 56 - Federal Government

A detailed study of the operation and principles of federal government, based mainly on the constitution of Canada but with some attention, for comparative purposes, to the United States and other federal systems. The chief topics studied will be constitutional amendment, division of powers, and financial relationships. Readings from standard authors, documents such as the O'Connor Report, selected cases, and research studies in the appropriate journals.

Dr. Mayo explained that these requests had not been put in before because of the uncertainty over staff in the Department. It was now clear that a new appointment would be made to replace President Stewart and consequently the above changes could be implemented. With regard to Political Science 55, he stated that it would likely attract a fairly wide section of students. No pre-requisites were stated although a preparatory background would be necessary. It was felt that such a course would have no harmful overlap with History 65. The History Department had been consulted in this respect. Political Science 56 would be of special interest to those students wishing to continue in political science. It was an advanced course and there would not likely be too great a demand for it.

Dr. Mayo moved the adoption of these recommendations, seconded by Dr. Collins.

In answer to a question from Mr. Taylor regarding a change of title of the Department, Dr. Mayo replied that such a change had been considered by the Department but it had decided to retain the old title, the only distinction being made in the names of the courses.

The Chairman informed Council that these recommendations, if approved by Council, would have to go before the Committee on Time-Tables and New 6ourses.

The motion was put to the vote and carried.

5. Summer School for University Teachers

The Chairman announced the summer session for University Teachers to be held at St. Anne de Bellevue, Quebec this coming summer. He mentioned that assistance would be available for candidates to the extent of tuition fees. Further information could be obtained from his office.

In answer to a question from Dr. J. W. Campbell, Dr. Mayo mentioned that one member of his department had attended the session in Kingston last summer and had found it quite beneficial. People from all ranks had attended the session, not merely those who were interested in improving their lecturing ability. The Chairman mentioned that the tuition fees were $70 and board and room for the two weeks - $80.

6. Deadlines for Examination Results

The Registrar asked for co-operation from members with regard to the submission of examination results -- May 2, 5:00 P.M. for graduating students and May 8, 5:00 P.M. for non-graduating students. A memo would be circulated to all instructors to this effect.

The meeting adjourned at 5:30 P.M.

John Macdonald

Dean

May 9, 1951

Minutes of the 430th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on May 9 at 2:00 P.M. Present were: Dean Macdonald, in the Chair; Professors Hanson, Strickland, Moss, Owen, Jones, Scargill, Davis, Lang, Warren, Tuba, Stirrat, Collier, Stelck, Folinsbee, Moore, Cormack, J.D. Campbell, Mayo, Grayson-Smith, J. B. Taylor, Morrison, Mueller, Keeping, Collins, Nichols, Rice, Greene, Ryan, Miss Patrick, Miss Duggan, Newbound, Johns, Long, Scott, Wyman, Walker, J. W. Campbell and Mr. Taylor.

It was moved by Dr. Wyman, seconded by Dr. Grayson-Smith that the minutes be approved as circulated. Carried.

1. Recommendation from School of Commerce

Professor J. D. Campbell read a statement of a proposed new curriculum for the School of Commerce which involved sixteen courses instead of the present fifteen and a half.

Proposed Curriculum - (to become operative 1951-52 session)

First Year: Accounting 1
English 2
Pol. Ec. 1
Maths. 42
Comm. Law 41

Second Year: Accounting 52
Bus. Admin. 55
Pol. Ec. 66
Maths. 43
Comm. Law 51
* One of: Psych 57, Pol. Ec. 65, Pol. Ec. 67, Pol.Ec. 69

Third Year: Bus. Admin. 56
Pol. Ec. 64
Accounting 53
* One of: Psych 57, Pol. Ec. 65, Pol. Ec. 67, Pol. Ec. 69
One of: History 55, Phil. 52, Pol. Science 56

* A student presenting a language for matriculation may select a course in the same language as an option in either the second or third year.

Number of courses included in curriculum - 16

It was moved by Prof. Campbell, seconded by Dr. Mayo, that the new curriculum be approved. Dr. Owen raised the question of the lack of the study of languages in Commerce. It was pointed out by the Chairman that a student presenting a language from matriculation could select a language as an option in the second and third year. Prof. Campbell's motion was put to the vote and carried.

2. The Chairman called on Dr. Davis, Chairman of the Revisions Committee, to present the case of Miss Jeanette Morrison, a student in first year Medicine. She wished to complete her B. Sc. degree instead of continuing in Medicine. In first year Medicine, she would have Biochemistry 11, Physiology 11 and three anatomy courses. Dr. Davis moved that she be given credit for one course in this Faculty for the three anatomy courses plus two credits for the Biochemistry and Physiology, and further, that she be permitted to take one A or B division course and one C division course in the summer session to complete the requirements. Dean Macdonald explained that the student had a good record so far, and it was a question of what the Faculty could reasonably ask her to do in order to qualify for the B. Sc. degree. Dr. Davis's motion was seconded by Dr. Newbound.

After some discussion, Dr. Rice suggested that Dr. Shaner should be consulted regarding the content and value of the anatomy courses. It was decided to leave the motion as it stood - namely that she be given three credits -with the proviso that she be given a fourth credit if Dr. Shaner felt that the anatomy courses are equal to two C Division courses.

The motion was put to a vote and carried.

3. Reports Concerning Graduating Students in the Faculty of Arts and Science

(a) Committee on Honors

It was moved by Dr. Walker, seconded by Dr. Owen that the following report be approved by this Council and that the successful students be recommended to General Faculty Council as clear for their Honors degrees:

Recommended for the Governor-General's Gold Medal:

David Fawcett - 4th year, Honors Chemistry

Recommended for First Class Honors:

Abramowich, John	Physics
Baracos, Aphrodite	Classics
Barker, Betty Mae	English
Blackwood, Robert K.	Chemistry
Broder, Audrey M.	Modern Languages
Colter, Allan K.	Chemistry
Fawcett, David M.	Chemistry
Gillespie, John F.	Chemistry
Levine, Sidney	Chemistry
Moyse, Robert K.	Mathematics
Smith, Archibald W.	Physics
St. Pierre, Leon E.	Chemistry
Sullivan, Margaret M.	Modern Languages
Tupper, Faye Jeannine	Business Administration (B. Com.)
Ustina, Fred	Mathematics

Recommended for Honors:

Barss, David L.	Geology
Cardy, Richard C.	Conservation Biology
Evans, Arthur L.	Geology
Geary, Sybil M.	English
Hall, Gavin M.	Business Administration (B. Com.)
Holland, Ruth	Modern Languages
Huston, James P.	Mathematics
Malycky, Alexander	Modern Languages
Mason, Anthony D.	Geology
Merrigan, John E.	Philosophy
Panasiuk, Walter	Geology
Robertson, Donald E.	Chemistry
Rousseau, Cecile	Modern Languages
Rupp, Arthur W.	Geology
Todd, John R.	Chemistry
Watts, Gordon F.	Geology
Williams, Gordon K.	Geology
Worsley, Michael	Chemistry

(b) Report of the Revisions Committee

Recommended for the degree of Bachelor of Arts:

Alloway, Douglas R.
Bailey, Jean Evelyn
Baracos, Aphrodite (first class Honors in Classics)
Barker, Betty Mae (first class Honors in English)
Bodner, Harvey
Broder, Audrey M. (first class Honors in Modern Languages)
Brown, Elaine A.
Brownoff, Albert G.

Christie, Monica M.
Covey, Alan D.
Dickins, Ian D.
Dorosh, Andrew R.
Eckert, Dawn S.
Egbert, William G.
Elder, Donald G.
Evans, Dillwyn T.
Fetherston, John R.
Field, Ann A.
Fitzgerald, Geraldine F.
Freeland, John W.
Geary, Sybil M. (Honors in English)
Hansen, Earl K.
Head, Ivan L.
Heath, M. Marjorie
Hendrickson, William L.
Henry, Charlotte A.
Holland, Ruth M. (Honors in Modern Languages)
Holter, Ian C.
Huston, Mary L.
Hutchinson, Ernest A.
Jensen, Evelyn C.
Jones, Arlene E. B.
Joyce, John T.
Kennedy, Maryalice
Klingle, Paul H.
Kontros, Frank L.
Lange, Norman L.
Lawrence, John R.
Lyne, Margaret M.
Lazarowich, Halia M.
Leitch, Clarence M.
Lister, Mary L.
Louden, Kenneth H.
Love, Flora Marion
McCaffrey, Patrick J.
Macdonald, Hugh Patrick
McLachlan, Gordon L.
McLeod, Donalda G.
McNeill, Sheila
Malycky, Alexander (Honors in Modern Languages)
Mayson, Thomas
Merrigan, John (Honors in Philosophy)
Miller, Virginia B.
Moar, Yvonne
Moore, Sheila M.
Moshansky, Virgil
Munkacsi, Arpad
Munt, Willa
Nelson, Edgar S.
Niblock, Sibyl L.
Nolan, Shelagh M.
Page, Murray M.
Palmer, Harrison G.
Pepper, Gerald W.
Pilon, Lionel H.
Radomsky, Ann
Rieber, Nathan
Robertson, Eva L.
Rodney, John J.
Rogers, Jeanne E.
Rogers, Jocelyn
Rousseau, Cecile (Honors in Modern Languages)
Salmon, Jay D.
Sawtell, Chase A.
Scott, Frederick
Scougall, Betty G.
Shedden, Ernest R.
Shymko, Nick
Singer, Heather-Belle
Snowdon, Thomas W.
Stilwell, William V. (1st class standing and 1st class General standing)
Sullivan, Margaret M. (First class Honors in Modern Languages)
Thomas-Peter, Gerge A.
Trace, Harry Douglas
Weitz, Norma
Wheatley, Richard G.
Whitesell, Jack R. (1st class standing)
Whyte, Victoria B.
Woods, Sidney E.
Young, Betty A.

It was moved by Dr. Davis, seconded by Dr. Scargill that the above report be approved by this Council and that the recommendations be forwarded to General Faculty Council. Carried.

Recommended for the degree of Bachelor of Science:

Abramowich, John (1st class Honors in Physics)
Allison, Edward F.
Bailey, William
Balderson, Robert G.
Barss, David L. (Honors Geology)
Besler, Irvin
Blackwood, Robert K. (1st class Honors in Chemistry)
Blonsky, Joseph
Bouwman, Henry W.
Brunton, Joan E.
Bush, Phyllis
Calhoun, A. Vanor
Campbell, Venus J.
Cardy, Richard C. (Honors Conservation Biology)
Carlisle, James S.
Clark, Alan L.
Colborne, Gerald L.
Cole, Marjorie M.
Colter, Allan K. (1st class Honors in Chemistry)
Couillard, Theodore J.
Debney, Ann E.
Devonshire, Stanford G.
Diduch, Lawrence D.
Dougall, Robert (1st class standing and 1st class general standing)
Dresen, Esbern H.
Dyer, Herbert L.
Engels, W. Dennis
Evans, Arthur L. (Honors in Geology)
Farvolden, Robert N.
Fawcett, David M. (Governor-General's Gold Medal, 1st class Honors in Chemistry)
Ferguson, Ian A.
Fitzpatrick, M. Elaine
Floyd, C. Anne (1st class standing)
Gans, Leo J.
Gillespie, John F. (1st class Honors in Chemistry)
Glaister, R. Perry
Graham, John S.
Grant, David B. (1st class standing)
Greenaway, William L.
Gregory, Stanley J.
Haley, Frank C.
Hardy, George E. A.
Hatfield, Robert E. (1st class standing, 1st class general standing)
Hoffman, Saul
Holliss, Dennis I.
Hook, James Harvey
Hughes, George M.
Huston, James P. (Honors Maths)
Iles, George Noel
Ilkiw, Walter
Jackson, William S. T.
Jacobson, Herbert A.
Jubb, William M.
Kermack, George D. A.
Koller, Lloyd A.
Korth, Virgil H.
Kostyk, Allan
Laycraft, George H.
Letts, James
Levine, Sidney (1st class Honors in Chemistry)
Levy, James M.
Lindstedt, Sidney A. (1st class standing, 1st class general stan
Linke, William A.
Lipsett, Sheila J.
Lobay, Fred
Loven, John W.
McFetridge, John S. (1st class general standing)
McKenzie, Hazel B.
McKenzie, Virginia L.
Marano, Nello W.
Mason, Anthony D. M. (Honors in Geology)

B. Sc. continued

Maulsby, Darrel F.
Mills, Barry A.
Mitchell, Verla A.
Moffet, Calvin E.
Morrison, Nancy M.
Moyse, Robert K. (1st class Honors in Mathematics)
Mutual, Lawrence E.
Nelson, Clifton L.
Nesting, Keith E.
Nicholl, Robert J.
Noad, Donald F.
Ontko, John K.
Ostolosky, Raymond J.
Panasiuk, Walter (Honors in Geology)
Paskevich, Stanley W.
Paul, Jean I.
Pearlman, David
Perry, Robert M.
Peterson, George W.
Pomahac, Anthony
Quon, Adriebelle
Rennie, Audrey J. K.
Rich, Josephine J.
Robertson, Donald E. (Honors Chemistry)
Rupp, Arthur W. (Honors Geology)
Samuels, Herschel (1st class standing)
Schneider, Frederick R.
Shaw, Anne E.
Shaw, Vernon S.
Skjeie, David R.
Smith, David H.
Smith, Archibald W. (1st class Honors in Physics)
Soltice, Norman J.
Spevakow, Robert B.
Steblyk, Peter
Stewart, Donald O.
St. Pierre, Leon E. (1st class Honors in Chemistry)
Stroud, Milton C.
Thomas, Ronald C.
Todd, John R. (Honors in Chemistry)
Trueman, Evelyn G.
Turcotte, Madeleine
Ustina, Fred (1st class Honors in Mathematics)
Varvis, Christopher J.
Wadson, Gilbert W.
Watts, Gordon F. (Honors in Geology)
Weir, James R.
Williams, Gordon K. (Honors Geology)
Wilson, Edward M.
Wiwchar, Modest B.
Wobick, Leroy
Worsley, Michael (Honors in Chemistry)
Wynnyk, Walter
Yamamoto, Tatsuo

It was moved by Dr. Davis, seconded by Dr. Scargill, that the above report be approved by Council and the recommendations be forwarded to General Faculty Council. Carried.

Failed to meet requirements for the B. A. Degree:

Bilinski, Sozen O. - lacks one second
Bowerman, Irene M. - lacks three seconds
Burns, William A. D. - one failure, lacks one second
Cairns, Norma Joyce - three failures, lacks four seconds. Category IV
Craddock, Verna M. - lacks three seconds, granted one deferred final
Cysak, Alice - one failure, lacks one second
Fowler, Marvin G. - one failure, lacks one second
Haley, Gladys E. - one failure
Katz, Margaret M. - lacks one second
Kerr, James A. - lacks one second

(Failed B. A. continued)

McDougall, Janet L. - lacks one second
McMillan, Jean C. - lacks two seconds
Taggart, Katherine - lacks one second
Lougheed, E. Peter - granted deferred finals in second year Law
Morris, M. Joyce - failed one course in second year Law
Rolf, Carl - failed one course in second year Law

Failed to meet requirements for the B. Sc. degree:

Bedard, Raymond A. - one failure
Cameron, Alan F. - one failure, lacks one second
Coward, Eric G. - failed in second year Dentistry
Darling, Larry - lacks one second
Dushinski, Walter G. - one deferred final
Fuglem, Milton O. - lacks one second
Harrison, Marshall A. - lacks one second
Hauck, Donald - failed in second year Dentistry
Horsley, Harry E. - failed in second year Dentistry
Kostash, June T. - two failures
Kozub, Paul - failed one course in Medicine
Krause, Gerald G. - lacks three seconds
Lachance, George A. - one failure
Lavallee, John N. - one failure in Medicine
Lipinski, A. Eugenia - one failure
McAndrew, John M. - two failures, lacks four seconds - Category IV
McCreary, Richard V. - one failure
McKernan, Jack A. - lacks one second, one deferred final
Mann, Avard S. - one failure, lacks two seconds
Milner, Stanley A. - two failures
Montgomery, Eileen - one failure, lacks four seconds
Mortwedt, John A. - one failure, lacks two seconds
Niziol, Stephen - lacks two seconds
Olinyk, Nickol - one failure, lacks one second
Orzel, Zigfred - failred second year Dentistry
Rymer, Gladys M. - two failures, lacks three seconds
Semple, Joseph M. - failed in second year Dentistry
Skrepnek, Stanley - one failure
Tanasiuk, Eli - three failures in Medicine
Thorpe, Maurice F. - lacks one second
Wray, Robert G. - one failure, lacks one second
Young, Grace N. - transfer from Honors - one failure

It was moved by Dr. Davis, seconded by Dr. Newbound, that the above report be approved by Council and forwarded to General Faculty Council. Carried.

(c) Report of the School of Household Economics

Recommended for the degree of B. Sc. in Household Economics:

Anderson, Audrey P.
Blackburn, Elizabeth
Brosseau, Jeanne
Christiensen, Hope C.
Cornish, Elaine M.
Cross, Margaret M.
Dennis, Thelma B.
Fedorak, Georgina P.
Gerhart, Rosemary
Gerrard, Olive M.
Harford, Barbara E.
Iwashita, Elko
Johnson, Katherine A.
Marshall, Margaret A.
Neal, Robina L.
Olivier, Marie T.
Robinson, Margaret I.
Russell-Ewing, Isobel M.
Sharp, Marion M.
Shatz, Lorraine A.
Virtue, C. Dawn
Wright, E. June

It was moved by Miss Patrick, seconded by Miss Duggan that the above report be approved by Council and the recommendations be forwarded to General Faculty Council. Carried.

Failed to meet requirements for the degree of B. Sc. in Household Economics:

Frizzell, Katherine - one failure, lacks two seconds
Sanford, Eleanor M. - lacks two seconds

It was moved by Miss Patrick, seconded by Miss Duggan that the above report be approved and forwarded to General Faculty Council. Carried.

(d) Report of the School of Commerce

Recommended for the degree of Bachelor of Commerce:

Allan, Edward B.
Balfour, Kay E.
Barnes, David M.
Bennett, Graham W.
Bishop, A. Doreen
Bisset, Lorna H. (1st class general standing)
Blazouske, Joseph D. (1st class general standing)
Boychuk, Irene
Bricker, G. Marvin
Burton, Gordon R.
Butterworth, Kenneth D.
Chambers, Edward J.
Dubois, Dorothy A.
Easton, Alexander M.
Emslie, Donald C.
Farmer, Andrew J.
Fitzsimmons, Alan S.
Gutman, Henry N.
Hall, Gavin (Honors Business Admin.)
Henkelman, Neil A.
Herring, Percy L.
Hooper, Owen G.
Johnston, Gerald D.
Kavanagh, Robert S.
Knop, John S.
Lachman, Walter
Miller, William C.
Oliver, Benjamin C.
Rose, James R.
Tupper, Faye J. (1st class Honors Business Admin.)

It was moved by Mr. J. D. Campbell, seconded by Dr. Mayo, that the above report be approved and forwarded to General Faculty Council. Carried.

Mr. Campbell explained that Miss Faye Tupper, who received the pass B. Com. degree last session, had decided to return for the honors year in Business Administration. It had been decided that the best way to handle the situation was to have Miss Tupper surrender her parchment for the pass degree and to have a new one issued to her this year. She was now being recommended for the Honors degree. Mr. Campbell moved that this action be approved, seconded by Dr. Mayo. Carried. It was pointed out that this situation would not likely occur again as the Honors course inBusiness Administration was now an established fact and students would be required to signify their intention of entering the Honors year some time during their undergraduate years.

It was noted that, in future, students in the Honors Business Administration course would come under the jurisdiction of the Committee on Honors.

Failed to meet requirements for the B. Com. degree:

Irwin, R. - lacks one senior option
Montgomery, L. - lacks one senior option
Moysa, Alexander - one failure
Onstead, Burton D. - lacks two seconds
Tailleur, Leo J. - one failure, lacks three seconds
McKinley, S. J. - one failure, lacks three seconds, lacks one senior option
Jullion, P. - one failure, lacks one senior option
Collins, L. D. - lacks two seconds

It was moved by Prof. Campbell, seconded by Dr. Mayo that this report be approved and forwarded to General Faculty Council. Carried.

4. The Chairman reminded Council that this would be the last attendance at this particular Council of Dr. R. J. Lang of the Department of Physics who was retiring this summer. Those members of Council who had been in it for a number of years would recall Dr. Lang as one of the regular members of Council. The Chairman stated that Dr. Lang had not only been assiduous in attending the meetings of Council but had been helpful in discussions. He wished Dr. Lang, in the name of the Council, many good and happy days in his retirement and expressed to him Council's appreciation of all that he had contributed as a member.

5. Other Business

The Chairman asked that he be empowered to appoint a summer session Revisions Committee to deal with results of those students attending under the Faculty of Arts and Science. Agreed.

Council was also asked that the regular Revisions Committee be empowered to deal with the results of undergraduates in this Faculty, which were not yet complete, so that it would not be necessary to call another meeting of Council. Agreed.

The meeting adjourned at 3:30 P.M.

John Macdonald

Dean

Minutes of the 431st meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, October 1, 1951. There were present: Dean Macdonald, in the Chair; Professors D. E. Smith, Walker, Grayson-Smith, Orchard, Glyde, Johns, Greene, Healy, Moss, Owen, Tuba, J. W. Campbell, Collier, Morrison, Stelck, Davis, Keeping, Patrick, Moore, Whyte, Ryan, J. D. Campbell, Collins, Miller, Salter, Mardiros, Thomas, May, Hanson, Newbound, Nichols, Cormack, Stirrat, Mayo, Scargill, Warren, Eaton, Long and the Registrar.

The Chairman called on the Secretary to read that portion of the minutes that was not connected with graduation lists. It was moved by Dr. Walker, seconded by Professor Long that the minutes be adopted as read. Carried.

1. Report of the Revisions Committee re September Supplementals

The following students, having satisfied all requirements for the degree, are hereby recommended for the degree of Bachelor of Arts:

Bilinski, Sozen Orest
Burns, William Alex. Douglas
Craddock, Verna Muriel
Desner, Michael Eugene
Haley, Gladys Elaine
Katz, Margaret Marcia
Kerr, James Alexander
Lougheed, Edgar Peter
MacMillan, Jean Catharine
Morris, Margaret Joyce
Morgan, Frances Phyllis
O'Byrne, Dennis Joseph
Rolf, Carl Henry
Taggart, Katherine Irene

The following students, having satisfied all requirements, are hereby recommended for the degree of Bachelor of Science:

Bedard, Raymond Alberta
Cameron, Alan Fergus
Coward, Eric George
Darling, Larry Clare
Hauck, Donald
Horsley, Harry E.

Kostash, June Theresa
Kozub, Paul
Lavallee, John Noel
Lipinski, A. Eugênia
McCreary, Richard Victor
Milner, Stanley Al
Parsons, Willis Henry
Semple, Joseph Miller
Skrepnek, Stan Victor
Wray, Robert
Young, Grace Norah
Penchuk, Amelia

The following students failed to meet requirements for their degree:

B. A.:

Cysak, Alice	lacks one second for degree
Fowler, Marvin G.	failed History 58 supplemental. Also needs one second.
McDougall, Janet	lacks one second.

B. Sc.:

Kuchar, Russell	lacks two seconds
Lachance, George A.	lacks Mathematics 55
Mann, Avard S.	one failure, needs one second
Montgomery, Eileen	lacks two seconds
Mortwedt, J.	lacks two seconds
Rymer, Bladys M.	lacks one second

B.Sc., H. Ec.:

Frizzell, Katherine

Special Cases

McCreary, Richard V.:	mark in Geology 55 raised from 47 to 50% with consent of Geology Department
Stefanik, George:	second year B.Sc.,M.D.; mark in Entomology 42 lowered from 46 to 45%
Penchuk, Amelia:	case reviewed May 21, 1951. It was felt that Chemistry 42 taken in the first year could be credited as senior second class. She is thus clear for the degree of B. Sc.

Dr. Davis moved, Dr. May seconded that the foregoing report be approved. Carried.

2. Report of the School of Commerce

The following students, having satisfied all requirements, are hereby recommended for the degree of Bachelor of Commerce:

Jullion, Paul Emile
Moysa, Alexander
Onstad, Burton Donald

Mr. J. D. Campbell moved, Dr. D. E. Smith seconded, that the above report be approved. Carried.

3. Report of the Summer Session Revisions Committee

The following students, having satisfied all requirements, are hereby recommended for the degree of Bachelor of Arts:

Chiswell, Albert Benton
Geiger, Orwill St. Clair
Russell, Bernard Benjamin
Schmidt, Theodore Herman
Shymko, Frank
Sister M. Constance
Ward, Mona Lee
Way, Harlow Ephream

The following students, having satisfied all requirements, are hereby recommended for the degree of Bachelor of Science:

Kelly, Bernard Joseph
Noy, Jean Caroline
Radomsky, Steve W.

The following student, having satisfied all requirements, is hereby recommended for the degree of Bachelor of Science in Household Economics:

Sanford, Eleanor Muriel

The following student failed to meet requirements for his degree:

B.A.: O'Byrne, Dennis Joseph - lacks one second for degree

(Note: student later completed requirements with a supplemental)

Non-Graduating Students - Special Cases

Norris, Stanley - registered in two courses. Received a mark of 63% in Mathematics 61 and 49% in Mathematics 45. With the consent of the Department, the mark in Mathematics 45 was raised to 50%.

Woywitka, Richard P. - registered in one course only (a repeat). Failed Mathematics 40 with a mark of 46%. No supplemental granted.

It was moved by Dr. May, seconded by Dr. Scargill that the above report be approved. Carried.

4. Progress Report from Dr. Walker re Examination of Patterns

Dr. Walker stated that, to date, two meetings of his committee had been held to consider Arts and Science patterns. He reported as follows:

> The Committee on Arts and Science patterns has examined the patterns from a general standpoint and feels that the patterns have filled the objective of the original committee in that they give a general education with concentration in one of several fields of knowledge. Some of the members of the committee had the feeling that there may be some restriction in choice of subjects for individuals with some particular project in mind when they enter University, but the experience of the Dean indicates that these cases are very rare. Your committee plans to recommend that more latitude might be given in registering matriculants of good standing where special need can be demonstrated.
>
> Your committee has been studying the adequacy of patterns that are now available as to whether there are any that are unnecessary and might be omitted and whether other patterns such as concentration in two fields of knowledge might be instituted.
>
> The committee is in accord with the division of patterns into two groups, one leading to the B. A. degree and the other to the B. Sc. degree. However, it is felt that the calendar statement on the content of patterns is very confusing and a different way of describing them will be recommended.
>
> Some discussion has ensued regarding the science courses in the B. A. patterns and a recommendation will be made later.
>
> A problem that is new has arisen by the new requirements for entrance into Medicine. Several patterns may now be used, but it is hoped that several others will be possible when this committee makes its final report. An unexpected and probably surprising feature of this fall's registration is that many students preparing for Medicine still look upon themselves as pre-medical students and instead of enrolling in the patterns best designed to meet their purpose are flocking into the Special

> Biological pattern that had been instituted to meet the needs of women training to be laboratory technicians. This introduces a situation that must be given a great deal of study.
>
> Any suggestions from members of the Faculty dealing with problems faced by the committee will be gratefully received.

The Chairman remarked that members of Council who had any suggestions to make regarding the patterns should get into touch with Dr. Walker or members of his committee as soon as possible rather than make suggestions at this meeting which might be rather hastily considered. The personnel of the committee is: Dr. Walker, Chairman, Dr. Grayson-Smith, Dr. Miller, Mr. Ryan, Dr. Collins and Dr. Johns. Dr. Walker and Dr. Johns were on the original committee which was set up to institute the patterns. The Chairman stated that a final report would be made to the November meeting.

5. Physics 105 - Selected Topics in Modern Physics

Dr. Grayson-Smith asked permission of Council to give this course to graduate students in Physics this year. He explained that there would be no final examination but that students would be given a final mark based on their term work in the course. Seconded by Dr. Newbound.

In this connection, Professor Salter raised the question of English 65, an English writing course given to senior students interested in making writing their vocation. He stated that a final examination was really of no use in determining a student's ability in this direction. The real credit in the course depended on the work a student did from week to week. Some years ago, Council permitted him to give 60% to term work in this particular course. He now felt that it would be more reasonable to give 10 or 15% to the final examination instead of the usual 40%.

Dr. Grayson-Smith's motion was put to the vote and carried.

6. Mr. Taylor thanked members of the Faculty for their help at registration time this fall. He went on to mention two new regulations concerning attendance.

   (a) Regular attendance is expected of students in all courses.

   (b) If the laboratory work is not completed by a student, he may be refused permission to write the final examination.

With regard to the method of administering these two regulations, Mr. Taylor suggested that a recommendation could be made by the instructor concerned directly to the Committee on Examinations. He stressed the importance of keeping an attendance record as the Committee on Examinations would demand evidence of this sort before it took any action. The Chairman expressed the view that this did not necessarily imply that attendance should be recorded for every class period. It did imply that the roll book should provide evidence of irregular attendance. An instructor would presumably warn the student in advance that he would be excluded from the final examination if his attendance continued to be poor. If the Committee was informed that such a warning had been issued, there would be no questions raised. Mr. Taylor confirmed Dr. Walker's statement that, in the past, instructors have reported various students to the Registrar's Office for non-attendance and the office has investigated the reasons. This practice was being continued.

7. Professor Salter congratulated the Divisioning Committee on the excellent divisioning of English 2 this fall. He moved that Council express their gratitude to Mr. Cairns, head of the committee. Seconded by Dr. Cormack. Carried. On behalf of Mr. Cairns and the committee, Mr. Taylor thanked Council for this expression of appreciation.

The meeting adjourned at 5:30 P.M.

Dean

November 5, 1951

Minutes of the 432nd meeting of the Council of the Faculty of Arts and Science held on Monday, November 5, 1951 at 4:30 P.M. in the Senate Chamber. Present were: Dean Macdonald, in the Chair; Professors Hardy, Collins, Moss, Scargill, Cormack, Collier, May, Warren, Stelck, Thomas, J. W. Campbell, Miller, Salter, Greene, Faucher, Whyte, Keeping, Johns, R. D. Stuart, Stirrat, Walker, Davis, Patrick, Duggan, McIntyre, Spearman, Harris, Kreisel, Ryan, Scott, Grayson-Smith, Newbound, Nichols, Mayo, Hanson, Mardiros, Clare, Glyde, D. E. Smith, Long, Folinsbee and Mr. Taylor.

The Chairman welcomed three new members to Council, Dr. S. Clare of the Department of Zoology, Mr. H. Kreisel of the Department of English and Dr. D. Spearman of the Department of Philosophy and Psychology.

On the motion of Dr. Greene, seconded by Dr. Harris, the minutes as circulated were approved.

1. Space Allocation Committee

The Chairman stated that the Space Allocation Committee was being enlarged to include a representative from each Faculty and he called for nominations for this Faculty. Professor Keeping moved that Professor Salter be nominated for this post, seconded by Dr. Cormack. Professor Salter stated he would be willing to act only if the Space Committee was prepared to submit an annual report to General Faculty Council on the space situation before any actual allocation of space had been finally made.

An amendment to the motion was moved by Dr. Warren to the effect that the Dean be asked to see that a Faculty representative was named to this committee. Seconded by Dr. Moss. The amendment was carried.

2. The Chairman reported that Professor Salter had been asked to serve on the Committee on Honors to replace Dr. Gordon. This had the approval of the Committee on Honors and now required the approval of Council. It was moved by Dr. Grayson-Smith, seconded by Dr. Hardy that Professor Salter's name be added to the list of members of this committee. Carried.

3. Special Case - Mary Ruddick

The Chairman explained that last year Miss Ruddick was a student in the third year of the B. A. course. She failed Political Economy 69 and obtained only a third class in Philosophy 52. Last spring she was hospitalized with tuberculosis and is likely to be so for some time. She has asked permission to repeat the above two courses without attendance. The Dean stated further that he had obtained medical clearance and on the strength of that had approved the arrangement provisionally. It was moved by Dr. Johns, seconded by Dr. Davis that the arrangement be sanctioned by Council. Carried.

4. Calendar Changes

Department of Classics

A new Honors course was proposed by Dr. Hardy, namely, Honors in Latin and ~~French~~ English, which had already received the approval of the Committee on Honors and now required the sanction of this Council. The suggestion had been given clearance by both the departments concerned. The outline of the course appears below.

Honors in Latin and ~~French~~ English

First Year	Second Year
Latin 2	One senior Latin course
English 2	Latin Prose (one hour a week)
Classics 51 or Ancient History 53	One senior English course
Two options (one of them should be a science course)	Classics 51 or Ancient Hist. 53
	One option

Third Year

One senior Latin course
Latin Prose (one hour a week)
One senior English course
Classics 50 or a senior English course
One option

Fourth Year

Two senior Latin courses
Latin Prose or Epigraphy and Palaeography (one hour a week)
One senior English course
Classics 50 or a senior English course

Final Effect:
6 Latin courses
5 English courses
3 courses in Roman History and the History of Latin and Greek literature
4 options

The Chairman remarked that it was interesting to note that Dr. Walker's report contained the suggestion that Honors courses in combined subjects should be considered by this Faculty.

Dr. Hardy moved the adoption of the Honors course described, seconded by Professor Salter. Carried.

Department of English

Professor Salter asked approval for the opening up of English 5 to science students although English 2 would still remain open to them. English 5 is a development of a course given for some years to Agriculture students. It is being given by Dr. Scargill who has made it much more interesting and valuable to such students. Without lowering standards, Dr. Scargill has attempted to make a Faculty appeal. The course available to science students in this Faculty would be called English 5-S while 5-A would be the designation for Agriculture. Professor Salter pointed out that this course would be an alternative to English 2 and would admit students into senior English courses. He moved that it be approved by Council. Seconded by Dr. Cormack.

In response to a question from the Chairman, Professor Salter outlined the difference in content between English 2 and English 5. It was proposed to make English 2 more historical than it has been while English 5 would deal largely with modern literature and place more emphasis upon writing. He emphasized that there would be no lowering of standards. On being put to a vote, Professor Salter's motion was carried.

Honors Courses in English

It was proposed to eliminate the term "Honors courses" in the calendar as it was felt that this acted as a danger signalto the average student. Since English 110 equalled English 62 (Chaucer) and English 111 equalled English 60 (Milton), it was felt that nothing was gained by having the 100 courses listed after the others. Professor Salter moved that the term "Honors courses" be removed and also the courses 110 and 111. Seconded by Dr. Scargill. Carried.

English 104

It was proposed that this course be broadened to include the study of old English literature as well as the language. The course would be re-numbered English 71. Professor Salter explained that, for undergraduates in general, some knowledge of old English literature is needed while for students who are planning to go on to post-graduate work, it is essential. He moved that English 104 be dropped and English 71 be substituted with a new description. Seconded by Dr. Scargill. The Chairman reminded Professor Salter that this course would have to go before the Committee on Time-tables and New Courses before it could be instituted.

Mr. Taylor asked that the course be listed in the calendar as "English 71 - formerly 104" for purposes of clarity. This was agreed to.

The above motion was carried.

Department of Geology

Geology 59 - Change of name and description.

Geomorphology and Glacial Geology 6 hours

A study of land forms and the processes which create and modify them; a study of glacial features and their relation to physiographic development; map reading, field trips.

Reference books: Thwaites, Outline of Glacial Geology; Flint, Glacial Geology and the Pleistocene Epoch.

It was moved by Dr. Warren, seconded by Dr. Folinsbee that this change be approved. Carried.

Change in pattern

It was moved by Dr. Warren, seconded by Dr. Folinsbee that the third year of the Geology pattern be changed to read: "two of Geology 54, Geology 55, Geology 57". Carried.

Department of History

Professor Long proposed a new course, History 10, The History of Europe from the Fall of the Roman Empire to the Present Day, to be substituted for the three present junior courses, History 2, 4 and 5. The new course would be participated in by all members of the department and would include not only the history of continental Europe but also British History and the history of European expansion overseas. The course would be offered ih two sections, and would consist of three hours lectures and one hour of conference each week. For the latter purpose, the class would be divided up into eight or ten groups.

Professor Long outlined the reasons for this proposal. It was felt by members of the department that students in high school no longer received the kind of preparation which develops the historical time-sense and supplies background for the intensive study of more limited periods. History 10 could be regarded as a basic course in history, supplying the background and affording a foundation for all the senior courses.

It would not be a pre-requisite to senior courses. Another reason for the introduction of such a course was the opportunity for personal contact between small groups of students and instructors which the conference hour would permit. No additional staff would be needed.

It was moved by Professor Long, seconded by Dr. Collins that this course be approved. In answer to a question, it was stated that the conference groups might be as large as fifteen students and that a fourth hour in the week would be necessary for conference work.

Professor Long's motion was put to the vote and carried.

History 68 - to be extended backward to include the Tudor period and to be re-named "England under the Tudors and Stuarts".

History 70 - to be extended backward and re-named "British History since 1714".

These two courses between them would cover the history of the British Isles since 1485.

History 106 - a conference course already provided for in the calendar. To be offered by Mr. Blackley and called "Chaucer's England". It would only be available to students whose qualifications meet with the approval of the instructor.

Professor Long moved the approval of these three courses as described. Seconded by Dr. Collins. After some discussion, it was felt that there would be little confusion involved in the expansion of the content of these courses since the weight of the courses remained essentially the same. Professor Salter was assured that students studying Chaucer in the Department of English would likely be admitted into History 106.

Professor Long's motion was put to the vote and carried.

History 65 - International Affairs since 1871.

The Department felt that the field covered in this course had now become too large. It was proposed to re-name the course "International Affairs since 1914".

History 56 - change in description. "European History from the Congress of Vienna to the First World War, 1815 - 1914.

History 71 - a new course. "European History from the Treaty of Westphalia to the Downfall of Napoleon I, 1648 - 1815".

Professor Long explained that History 54, 56, 65 and 71 together would give a coverage of European History from the Renaissance to the Present Day.

It was moved by Professor Long, seconded by Dr. Collins that the above three changes be approved. Carried.

Department of Philosophy and Psychology

Psychology 61 - a new course. Abnormal Psychology 3 hours lect.

A general introduction to abnormal psychology.

Prerequisite: Psychology 62.

Dr. Smith explained that there is a course in Abnormal Psychology now, namely, 102 which is sometimes opened to good undergraduate students. The new course, which is really a revival of an old one formerly given to medical students, would be open to all undergraduates with the necessary prerequisite while 102 would become a seminar in abnormal psychology with a new description - Seminar in Abnormal Psychology.

Psychology 64 - a new course. Theory of Psychometrics, 3 hours lect. (Lectures to be given with lectures of Psychology 63.)

The nature of psychological tests with emphasis on the underlying concepts of intelligence, aptitude, interest and personality, and of measurement in these fields.

Prerequisite: Any two University courses in psychology.

Note: Psychology 63 and 64 may not both be offered for credit.

Psychology 63 - change in title.

"Theory and Practice of Psychometrics"

Philosophy 2 - to be redesignated Psychology 2.

Psychology 102 - to be entitled "Seminar in Abnormal Psychology".

Dr. Smith moved the approval of these changes, seconded by Dr. Spearman. Carried.

Department of Political Economy

Dr. Mayo stated that the Department would like to be able to offer five courses in Political Science so that a student could take a Political Science pattern as well as a Political Economy pattern. He did not feel that there would be enough demand to warrant giving the five courses every year, but he did wish to institute another course that could be alternated now and then with one of the present courses. No extra staff would be needed. He proposed the following new course. Seconded by Professor Hanson.

Political Science 57 Local Government 3 hours

> A study of the organisation, functions and problems of local government in Canada, with some reference to principles and practice elsewhere. Special attention will be paid to problems of staffing, finance and provincial-municipal relations, and to recent trends in these fields. Reports on municipal government in the various provinces will be studied from the original documents, together with material in the professional periodicals.

On being put to the vote, the above motion was carried.

Mr. Hanson proposed a new way of listing courses in the Department of Political Economy. He suggested that Political Economy courses and Political Science courses be listed under separate headings. It was felt by the department that this method of listing would simplify things for the students and would help in evaluation of University of Alberta transcripts. Mr. Hanson moved that this method of listing courses be approved. Seconded by Dr. Mayo.

In answer to a question from Professor Long, Mr. Hanson stated that Political Economy 61 - Canadian Economic and Constitutional Problems, because of its emphasis, is an economics course and not a combination of economics and political science.

Mr. Hanson's motion was put to the vote and carried.

Department of Zoology

Zoology 58. This new course was proposed by Dr. Miller who explained that it would alternate with Zoology 53 and would not require any new staff. It would replace a course that used to be given by Dr. Hughes.

Zoology 58 Comparative histology and histological technique.

6 hours.

> An introduction to the technique of preparing histological slides, and a comparative study of the various tissues of vertebrates and some invertebrates. Each student will prepare his own slides for study.

It was moved by Dr. Miller, seconded by Dr. Clare that the above course be approved.

In answer to a question from the Dean, Dr. Miller stated that this course would deal entirely with animal tissue while Botany 51 was confined to plant tissue. In this connection, Dr. Cormack stated that he would like to see an advanced course in Plant Histology which would be similar to this new course in Zoology. The present Botany 51 class was too large for this advanced work.

Dr. Miller's motion was put to the vote and carried.

Household Economics

Miss Patrick read a new prescription for the B. H. Ec. course and moved its adoption. Seconded by Miss McIntyre.

First Year

1. Deletion of Physics 1 or 40
2. Change Chemistry 1 or 40 to 1 or 42
3. Add an approved option

Second Year

1. Add an approved option to Chemistry 42.

The course prescription would then read as follows:

First Year	Second Year
1 course from Div. A	Pol. Ec. 2
1 course from Div. A or B	Chem 42 or an approved option
Mathematics 4	Chem 43
Chemistry 1 or 42	Zool. 1
An approved option	Bact. 1(1)
House Ec. 32 and 33	House Ec. 31
Physical Education	Phys. Ed.

It was noted that Physics seemed to be deleted completely from the prescription as there apparently was none required in matriculation nor in the course itself. Miss Patrick pointed out that the new matriculation had changed things considerably and that Physics was no longer compulsory in the B. Sc. H. Ec. course. After some further discussion, Miss Patrick's motion was put to the vote. Result: fourteen for, fourteen against.

Dr. Hardy pointed out that Physics was recommended in the matriculation requirement for Household Economics although not demanded. In answer to a question from Dr. Johns as to why Physics 1 could not be included in the B.H.Ec., Miss Patrick replied that it was being deleted to make way for an option. Dr. Grayson-Smith suggested that Physics 1 be required of students who did not present Physics in their matriculation. If Physics was presented, then an option could be taken in the first year. Dr. D. E. Smith pointed out that Miss Patrick was only trying to bring the B.H.Ec. in line with the B. Sc. H.Ec. which also has no Physics.

It was agreed that Miss Patrick should investigate the situation at other universities with regard to Physics and refer the whole problem back to the December meeting of Council.

6. Dr. Walker's Committee Report

The Chairman drew the attention of Council to the fact that the report presented by Dr. Walker and now in the hands of Council members showed all the evidence of a very meticulous examination of B. A. and B. Sc. patterns. Since the action of this Council with respect to Dr. Walker's report might well determine the B.A. and B.Sc. programs for a considerable number of years, he felt that Council should make sure that sufficient time and attention were given to the matter. It was his intention to take it up and go over it, clause by clause, point by point. Since the hour was late, he asked Council whether it would be willing for him to postpone this document until the December meeting or call a special meeting of Council between now and the first Monday in Decmeber. In answer to several questions, the Dean stated that it would be possible to give it top priority at the December meeting as he was not aware of any other pressing business that needed attention at that meeting. Dr. Hardy moved, seconded by Dr. Mayo that the questian be held over until the next meeting of Council. It was generally agreed that eventually two meetings would likely be necessary to deal adequately with the report. The motion was carried.

Dr. Walker announced the complete omission of the Zoology pattern which he now read to Council, and also a change from Physics 46 to 56 in the third year of the Physics pattern. These changes were noted.

7. Mr. Taylor made reference to the fact that if this Faculty wished consolidation of examinations at Christmas, they should inform the Dean of their wishes who would in turn inform the Registrar who would take steps to arrange a Consolidated time-table. It was agreed that departments would make their needs known to the Dean and that the arrangements made last year would be satisfactory again.

The meeting adjourned at 6:00 P.M.

John Macdonald

Dean

December 3, 1951

Minutes of the 433rd meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, December 3, 1951. Present were: Dean Macdonald, in the Chair; Professors Owen, May, Collins, Spearman, Hardy, Faucher, Greene, Scargill, Cormack, Whyte, Patrick, J. W. Campbell, Collier, Tuba, Warren, Stelck, D. E. Smith, Thomas, Cook, Moore, Miller, Healy, Moss, Walker, Morrison, Stirrat, Rowan, J. D. Campbell, Grayson-Smith, Davis, R. D. Stuart, Harris, Duggan, McIntyre, Strickland, Mayo, Hanson, Kreisel, Clare, Newbound, Salter, Folinsbee, Mardiros, Ryan, Keeping, Long, Scott, Rees and Mr. Taylor.

On a motion by Professor Salter, seconded by Dr. Grayson-Smith, the minutes as circulated were approved.

1. As business arising out of the minutes, the Chairman informed Council that Professor Salter had agreed to act as the representative of the Faculty of Arts and Science on the Space Allocation Committee.

2. Household Economics - change of program for B. H. Ec.

Miss Patrick explained that she had made some investigations concerning the place of Physics in various programs. There were no courses at other universities comparable to the B. H. Ec. course here but she had discovered that there were two B. Sc. programs in this University where no Physics was required, namely, Pharmacy and Nursing. It was moved by Miss Patrick, seconded by Dr. Collier that the following changes in the B. H. Ec. program be approved.

First Year
1. Deletion of Physics 1 or 40
2. Change Chemistry 1 or 40 to 1 or 42
3. Add an approved option

Second Year
Add an approved option to Chemistry 42

Dr. Grayson-Smith expressed himself as not being opposed to these changes so far as the B. H. Ec. was concerned, although he felt that the Physics given in the Schools of Agriculture was by no means equivalent to high school Physics since no fundamentals were taught, only a smattering of facts. He went on to say that he deplored the fact that a B. Sc. degree could be given at this University to students who did not know the fundamentals of science. Dean Macdonald mentioned that he had received requests from students from time to time to be allowed to substitute something else for Physics and he had always refused the requests on the grounds that Dr. Grayson-Smith had just mentioned. He pointed out that no general B. Sc. could be given without a Physics course in this University. The same apparently was not true for professional schools.

Miss Patrick's motion was put and carried.

3. Report of Dr. Walker's Committee

Dr. Walker indicated several small alterations in the report. He then moved approval of the report as presented, seconded by Dr. Collins.

Recommendation I

> That more latitude be given in registering matriculants of good standing where special need can be demonstrated.

Dr. Walker explained that this was with reference to students whose choice of program would not fit into either a pattern or an Honors course. It was felt that good students should be shown some leniency in this respect. There seemed to be no serious objection to this recommendation by Council.

Recommendation II

> In order to graduate, students must obtain second class standing in not less than six courses of which at least four are taken in the Second and Third years.

The Chairman explained that this method of assessing second class standings would eliminate the problem of the Revisions Committee in deciding which are junior and which are senior courses. He referred especially to "forty" courses.

In the discussion which followed, several points were brought up. It was felt by some that this would raise the standard while others felt that the standard would be lowered. Mr. Thomas stated that it appeared to him that two students could take precisely the same courses in three years, get precisely the same grades, and yet one would fail to obtain his degree because of the arrangement of courses according to years while the other would graduate. In answer to a question from Mr. J. D. Campbell, the Chairman stated that the School of Commerce would likely come under the same regulation as the B. A. and B. Sc. students and that this regulation would apply.

Professor Salter, emphasizing the point made by Mr. Thomas, showed that the proposed arrangement, while removing one difficulty for the Revisions Committee, would merely create another one, inasmuch as the Committee might find itself in the position of having to disallow a second class standing in a particular subject in the case of one student, while allowing it in the same subject in the case of another student who happened to have taken it in a senior year.

The Chairman suggested six second class standings without reference to years at all. Dr. Walker's committee had evidently in mind the possibility that a student might obtain four or five second classes in his first year and might slacken in his efforts during his upper years. Dr. Greene, as a former member of the First Year Committee, stated that he had found that it was rather rare for first year students to obtain five seconds or even four or three. Again, it was pointed out that students who obtained four or five seconds in their first year were not likely to slacken their efforts in the second or third years. In answer to a question, Dr. Davis, Chairman of the Revisions Committee, admitted that the difficulty referred to might well materialise for his committee and in that case, the committee would probably refer the matter to the Council.

Dr. Folinsbee felt that if this recommendation were put into force, there might be a tendency for students to select junior courses in their second and third years wherever possible since they might have the idea that they could get a second class standing more easily in a junior course than in a senior. It was pointed out, however, that the number of junior courses taken in senior years is largely controlled by the patterns as now laid down.

Dr. Rowan stated he would like to see the motion amended to read "that six second class standings are required" with no mention made of years. Mr. Hanson agreed with this. Both Dr. Miller and Dr. D. E. Smith opposed this on the ground that it was too lenient. Dr. Smith pointed out that in some universities, students are required to obtain seconds in half of their courses. He felt that the number should be raised to seven. Dr. Walker, speaking for the Committee, declared himself opposed to Dr. Rowan's suggestion.

The amendment moved by Dr. Rowan, seconded by Mr. Hanson, was put in this form:

> that the phrase "at least four must be taken in the second and third years" be deleted from the recommendation.

The amendment was defeated.

Dr. Hardy then moved an amendment:

> that the number "four" be lowered to "three".

Seconded by Dr. Collier.

The amendment was defeated.

In reply to a suggestion from Dr. Healy that students be asked to obtain two seconds in each year, the Chairman stated that a case might arise where a student put in a very bad first year with no seconds and then presented eight seconds in the next two years. He would not be able to graduate because he had not obtained two seconds in his first year.

Since no further discussion was forthcoming on this recommendation, the Chairman stated that the recommendation would be left in its present form. The Revisions Committee would have to deal with problem cases as they arose and present the more difficult ones to Council.

Recommendation III

> that each pattern should be blocked out individually in the University calendar.

Dr. Cook explained the reason for the present arrangement of the patterns in the calendar. It was intended that students should feel that they were registering in a broad field, such as physical sciences or biological sciences, rather than that they were registering in a narrow pattern such as Zoology or Chemistry. Blocking out the pattern might have the effect of causing the student to decide quickly what pattern he wished to take before he had a chance to consider the broader aspects of the patterns. The Chairman agreed with Dr. Cook's remarks but left it to Council to decide whether this was important enough to compensate for the obscurity that seemed to exist in the pattern description. Dr. Walker pointed out that the general headings "Biological Sciences and Physical

Sciences" etc. would be retained. It was generally agreed that it was not too difficult to change a student from one pattern to another, particularly after one year.

Recommendation IV (relating to B. A. patterns)

(a) That the Division C course for the First Year be one of Botany 1, Zoology 1, Chemistry 40, Physics 1 or 41, Mathematics 40, Entomology 41, Geology 1 or Physical geography.

(b) For the Second Year: any of the above or a second course from First Year choice or Biology 41 or Physical Science 41.

(c) For the Third Year: any of the above.

If in any year the student chooses Botany 1 or Zoology 1, he may not choose Biology 41 in any year or vice versa. If in any year he chooses Chemistry 40 or Physics 1 or 41, he may not choose Physical Science 41 or vice versa.

Speaking of (a), the Chairman remarked that Geography should be deleted from the list because, although there was a chance that a geography course might be available next year, it was not yet on the curriculum. He also pointed out that the background behind the footnote of the recommendation had already been gone over by Council at an earlier meeting.

Dr. Morrison suggested that there were some students who did not have matriculation Chemistry and therefore, Chemistry 1 should be added to the list in (a). Agreed.

Dr. Owen asked if a B. A. student could take a third course in any particular science. Dr. Walker felt that this was provided for in the phrase "any of the above". However, Dr. Miller stated that there had been a difference of opinion in the Committee as to whether a B. A. student should be allowed to take three sequent courses. Dr. Grayson-Smith pointed out that it was felt that a B. A. student should be exposed to two different sciences but if he wished to take a third science, he could do so as an open option in the third year.

Professor Salter asked if no other mathematics course was open to B. A. students. It was agreed to add Mathematics 45 to the list in (a). Council noted that Entomology 41 was not in the same class as Botany 1 and Zoology 1 so far as Biology 41 was concerned, nor was Geology 1 considered to be closely aligned to Physical Science 41.

Dr. Moss expressed his dissatisfaction with the recommendation generally. He stated that it would be possible for a B. A. student to take three biological science courses or three physical science courses which seemed to be directly contrary to the principle of a general training in science which had been applied when Biology 41 and Physical Science 41 were instituted. He felt that a large number of students come in with no biological training whatsoever and this selection of science subjects would not ensure their receiving any in University.

Dr. Folinsbee moved the following amendment, seconded by Professor Keeping: (to be added to the recommendation)

> (d) At least one biological science and one physical science must be included in the student's whole program.

Amendment carried

~~English Pattern~~

In ~~this~~ connection with the English pattern the question of foreign languages was raised and it was decided to deal with the foreign language question as a separate issue. It was decided that the status of the "2" foreign languages (the languages offered in matriculation) should be dealt with first. Council was therefore asked to turn to Page 4 of the Report, Recommendation VII:

> That the Foreign Language of matriculation may be substituted in the B. Sc. patterns for English 5 or English 2 provided that the mark in English 3 of the High School be 75% or higher. In such a case, English 2 may be taken as a special A course in the student's Second or Third year.

The Chairman remarked that Council could be exposing itself to criticism in prescribing for a B. Sc. student a type of program which did not admit of his taking a foreign language while a foreign language was required of that student for matriculation. In dealing with Recommendation VII, it would be necessary to keep in mind the fact that beginners' languages did not enter into the picture.

Dr. Hardy stated that this questinn had been discussed by the departments of Classics and Modern Languages. They felt that an outlet should be allowed in the B. Sc. course for a foreign language. It was felt that the statement in this recommendation might be the answer. He asked Council to note (1) that the statement was relegated to a footnote; it was not included in the body of the pattern and (2) the 75% requirement is perhaps too high.

Dr. Hardy moved:

> That, with respect to the B. Sc. patterns, in all cases the foreign language of matriculation be included in the calendar statement of the patterns as an option to English 5 or English 2, it being provided in a footnote that any student electing the foreign language must have secured a 60% mark or better in English III of the High School, and it being further provided that such student should take English 2 or 5 as a special A or B course in his second or third year.

Dr. Owen asked if Dr. Hardy would be willing to include in his motion that a senior course in language be listed as a special A or B option along with English 2 or 5. If so, he would second the motion. The Chairman pointed out that this could be dealt with by a separate motion.

Professor Salter, speaking for the Department of English, expressed the view that it was impossible to prepare students for everything in a three-year course. This, he felt, was what the scientific departments were trying to do with their excessively rigid patterns. He further stated that the Department of English was laboring under a justifiable sense of grievance because of the invidium attaching to English 2 in those cases where students in their final year have been prevented from graduating because they were forced to take English 2 in their final year and did not pass it. For that reason, English 2 had been removed from the third year of Pharmacy and had been placed, quite properly, in the first year. He objected to English 2 being included in the final year because it meant that students failing to obtain credit in English 2 might be prevented from graduating through failure in a subject which properly belonged to the Freshman year.

Dr. Mayo pointed out that in the near future students would require to have an entrance average of 60% from High School. He was not in favor of establishing the precedent of specifying a certain mark in a certain subject. The Chairman stated, however, that students entering first year Honors have to show certain marks in the fields in which they propose to take Honors. The Department of English, for example, would not likely admit any student into Honors English with a mark of 60% in High School English. He further stated that Council should limit the discussion to this question: in the case of certain students who show an average of at least 60% in English of High School, a foreign language of matriculation may be elected in lieu of English 2 or 5 in their first year.

Dr. Scott asked if it could be assumed that a student who had a mark of 75% in Grade XII English could be considered as knowing enough English to make it unnecessary for him to take more English in the University. Such an assumption could not be made in the case of Physics.

Dr. Hardy pointed out that, in the opinion of the departments that taught foreign languages, the study of a foreign language at the academic level serves itself to provide a valuable training in English. He did not feel that a 75% mark in English should be asked. Professor Ryan stated that students coming into University with a mark of 60% or less in English usually failed English 2. The Chairman mentioned that already B. Sc. students can take a foreign language, even at the beginners' level, as their open option in the third year if they wish. The language of matriculation, it was suggested, might be regarded as a reasonable academic quid pro quo to replace English 2 or English 5.

Dr. Scargill expressed amazement that such a proposal as this one could be even suggested, considering the amount of criticism that had been levelled at the inability of our present students to express themselves adequately in English.

Dr. Hardy's amendment, which would substitute 60% for 75%, was put to the vote and was defeated.

Professor Salter moved a further amendment to the recommendation to the effect that the phrase "or third year" be eliminated. Seconded by Mr. Ryan. Carried.

Dr. Scott moved an amendment:

> that the word "may" in the second sentence of Recommendation VII be replaced by the word "must", i.e., "English 2 or 5 must be taken as a special A or B course in the student's second year."

Seconded by Dr. Morrison. Carried.

Reverting to the main point of the Recommendation, namely, the substitution in certain cases of the language of matriculation for English 2 or 5, the Chairman noted that this had still to be dealt with and, in view of the lateness of the hour, suggested that it be regarded as unfinished business and taken up at the January meeting of Council.

4. English for Foreign Students

The Chairman announced that the Department of English was prepared to give foreign students a training in English fundamentals. This had been approved by the Board. Classes would be held on Wednesday evenings in Arts 148 and all foreign students should be asked to attend. Council agreed to approve this arrangement.

5. Calendar Changes - Household Economics

Miss Patrick proposed the following new course:

Household Economics 64 - Institutional Management
3 hours lect and lab, 2nd half

The organization and administration of food service in institutions. This will include some observation and practice in various food services.

Miss Patrick explained that such a course was needed as a prerequisite to further practical work in both hospital and commercial institutions for graduates in Household Economics. Students would be barred from entering such institutions unless they had this required subject. It was moved by Miss Patrick, seconded by Miss McIntyre that the above new course be approved and that it be offered in the second term of the present session so that members of the 1952 class may meet the requirements for student training. Carried.

The meeting adjourned at 6:30 P.M.

John Macdonald
Dean

Minutes of the 434th meeting of the Council of the Faculty of Arts and Science held on Monday, January 7, 1952 at 4:30 P.M. in the Senate Chamber.

Present were: Dean Macdonald, Chairman; Professors Spearman, Collier, Newbound, Greene, Hardy, Owen, May, Walker, Duggan, Collins, Healy, Thomas, J. D. Campbell, Mardiros, Faucher, Keeping, Scargill, Moore, Kreisel, Morrison, Glyde, Harris, Salter, Johns, Miller, D. E. Smith, Moss, Rutherford, Ryan, Miss Patrick, Hanson, Mayo, Folinsbee, Whyte, Walker, Stuart, Stirrat, Scott, Long, Stelck, Davis, Rees and Mr. Taylor.

Professor Salter moved that the minutes be adopted as circulated, with a minor change on Page 4: the word "grief" to be changed to "grievance". Dr. Walker pointed out that the heading "English pattern" on Page 4 was misleading and should be deleted. It was agreed that the words "in connection with the English pattern" should be used to open the paragraph. Professor Kreisel seconded Professor Salter's motion. Carried.

1. Foreign Language Option in First Year B. Sc. (Recommendation VII)

At its last meeting, Council had postponed the consideration of the 75% requirement until the present meeting. Two amendments, to which reference will be made presently, were made in the second sentence of this item.

Mr. Ryan presented statistics which he had obtained in investigating the relationship between marks obtained in English 2 at the University and those obtained in Grade XII English. In the light of these statistics, it seemed clear that the 75% figure should not be lowered. The Chairman then pointed out that, unless some member was prepared to move an amendment to this first sentence in item VII, it would stand as approved. Dr. Newbound at this point moved that the item be eliminated from the report. This was seconded by Dr. Mayo.

Considerable discussion took place on this amendment, most of the members of Council participating. In support of the amendment it was argued (1) that there was no sufficient reason for including a foreign language in the training of a B. Sc. student, and (2) that the recommendation in question would interfere with what was most important for these students, namely, further training in English. On the other hand, it was argued that (1) some knowledge of a foreign language at the academic level might, in the end, turn out to be very important for a B. Sc. student, especially if he proceeded to graduate work, and (2) the study of a foreign language at the a academic level actually provided valuable training in English.

On a vote being taken, the amendment was lost by a substantial majority.

With reference to the second sentence in Recommendation VII, two changes had been approved at the last meeting of Council. The word "Must" was substituted for the word "may" and the phrase "or third year" had been deleted. Dr. D. B. Scott, who had been in favor of this change at the last meeting, expressed himself as willing to have this entire sentence reconsidered. This proposal was accepted. The sentence, therefore, stayed in the form: "English 2 may be taken as a special A course in the student's second or third year".

Professor Salter then moved that the phrase "or third year" be deleted on the ground generally that it was not desirable in his opinion for a student to postpone a first-year English course until the third year. The amendment was seconded by Dr. Johns. The amendment was put and carried.

Dr. Morrison requested permission to move a further amendment to the effect that the word"must" be substituted for the word "may". This was seconded by Dr. Folinsbee. The amendment was defeated. Hence the second sentence in the Recommendation as approved now stands: "English 2 or 5 may be taken as a special A course in the student's second year".

Dr. Owen moved that, in addition, a student who has taken a junior foreign language in lieu of English of the first year may offer a further course in that language in the second or third year as one of the special A or B options. Seconded by Dr. Hardy. Carried.

The Council now returned to the consideration of the B. A. patterns.

2. Beginner's Languages in the First Year

The Chairman pointed out that he had specially noticed one change which had been recommended by Dr. Walker's Committeee. In the English and the Philosophy - Psychology patterns, a beginner's language was recommended as an option with languages at the academic level. He suggested that, from the point of view of general policy, this would be a dubious step to take. We were all anxious to strengthen the position of the foreign languages in the High School system. If a beginner's language could be accepted in lieu of a language at the academic level it would probably be interpreted by those responsible for the programs of High School students to mean that it was immatierial to this Council whether the student made a beginning with the foreign language in the High School or postponed that study until he came to University. It would probably renew the pressure to eliminate the foreign language as a requirement for matriculation.

Dr. Walker pointed out that German 1 was the only beginner's language for which this recognition was proposed. It was proposed, he stated, in view of the fact that very few students were electing German in the High School in any case. After some discussion, Dr. D. E. Smith suggested that it would be better to avoid any calendar statement indicating that this choice could be made but that the Council could go on record in its minutes as providing the choice of a beginner's language in lieu of the language of matriclation in cases where it appeared to be reasonable to give the student the privilege of this choice. The Chairman reminded Council that Recommendation I in the Committee's report, which is to the effect that "more latitude be given in registering matriculants of good standing where special need can be demonstrated". He had regarded that recommendation as implying, among other things, the kind of concession that Dr. Smith had in mind. He suggested that one way of giving effect to Recommendation I would be to put on record a motion in the sense that a beginner's language could be elected by the student in cases where the Dean and the Department concerned felt that the choice was reasonable. Dr. Smith expressed himself as willing to present a motion in that sense.

Dr. Hardy had already suggested in this connection that one way of dealing with the situation would be to require a student who elected a beginner's language to raise the language to the academic level in the following summer session as a condition of admission to the second year. He expressed himself, however, as prepared to second Dr. Smith's motion and to accept that way of dealing with the situation. The motion was carried.
At this point Professor Salter remarked that, in certain of the patterns, a foreign language at the academic level was prescribed as a possible alternative to English 2. This implied that in these patterns a student could complete his B. A. without any course in English. The Chairman suggested that this question could be considered when we come to the patterns referred to.

3. English Pattern

It was suggested by Mr. Thomas that the phrase "but not a History course" should be deleted as there would be only one history course available in any case. This change was accepted. Otherwise the pattern was approved as proposed.

The Chairman suggested that they continue the discussion of the report at the February meeting when it is hoped that the consideration of it will be completed.

4. New Course in English

English 51 English Literature of the American Continent 3 hours

Professor Salter informed Council that Dr. Watson of the Department of English, Calgary Branch, was an expert in the field of American literature. It was felt that such a course would be of immediate and practical value to the students in Education at the Calgary Branch. No Arts students in the Calgary Branch take senior English. There was a possibility, too, that Dr. Watson could give the course in summer school in Edmonton from time to time. It was suggested that the title be: English Literature of the North American continent. Agreed. Professor Salter moved the adoption of this course, seconded by Mr. Kreisel. Carried.

5. Merck Post-Doctoral Fellowships

The Chairman announced that Merck Post-Doctoral Fellowships in the Natural Sciences were available to qualified applicants. The stipend would be in the range of $2500 to $5000 and applications must be in by February 15th. Further details could be obtained from the Registrar's Office.

The meeting adjourned at 6:05 P.M.

John Macdonald

Dean

Minutes of the 435th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, February 4, 1952.

Present were: Dean Macdonald, in the Chair; Professors Patrick, McIntyre, Duggan, Thomas, J. W. Campbell, Brown, Spearman, Owen, Salter, Kreisel, Clare, Davis, Hardy, Collins, Long, Cormack, Healy, Greene, May, Grayson-Smith, Morrison, Faucher, Dunlop, Mayo, Hanson, Walker, Moore, Harris, Miller, Scargill, Moss, Johns, Keeping, Stuart, Newbound, Warren, Strickland, Rowan, Collier, Stelck, Smith, Ryan, Whyte, Stirrat, Nichols, Folinsbee and Mr. Taylor.

The Chairman made reference to the sudden death of Dr. Ralph Rutherford, a member of this Council for many years, who would be seriously missed, not only in his department, but in this Faculty Council. He called on Dr. Warren to read a statement which could take the form of a motion to be incorporated in the permanent record of this Council.

> On the evening of January 29, 1952, Ralph Leslie Rutherford, a Professor in this Faculty, died suddenly.
>
> Dr. Rutherford was born in Middleville, Ontario, in 1894. His family came to the west when he was a boy and settled in Edmonton, and it was in this city that he received his education. He entered the University in 1915, graduating from this Faculty, specializing in Geology, in 1919. He received his Master's degree from his Alma Mater the following year. He continued his studies at Massachusetts Institute of Technology and the University of Wisconsin, and was granted his Doctorate from the latter institution in 1923. He received an immediate appointment to the teaching staff of the University of Alberta in the Department of Geology. It was in this institution that he carried on his life work, rising through the various ranks of the teaching staff to be made Professor in this Faculty in 1950.
>
> At the beginning of his professional life, Dr. Rutherford's ambition was to solve some of the problems relating to geology in his adopted province. His field work was carried on with the Research Council of Alberta, under the stimulation of Dr. J. A. Allan, until 1935. How successfully he solved his problems, may be gauged by the honours which came to him. He was elected to Fellowship in the Royal Society of Canada, the Geological Society

of America, the Geological Association of Canada and the Mineralogical Society of America. He was also a member of the American Association of Petroleum Geologists, the Canadian Institute of Mining and Metallurgy, and the Professional Engineers of Alberta.

Dr. Rutherford was equally successful in the classroom. He was a good teacher and believed in stressing the underlying principles of his subject. His standards were high and no labor was too great in seeing that these standards were attained. His personality was very attractive to his students and this may be attested by the great numbers of his former students who acclaimed him as their friend.

Dr. Rutherford became a member of this Faculty in 1926. His ideas on education and administration were always sound. He disliked subterfuge or frills of any kind as he always had the practical approach to a subject. His criticisms were so often overlarded with salty quips that the wisdom of his remarks was apt to be missed. Though often in ill health, he never complained and always insisted on his full share of work. His robust personality will be much missed by all his colleagues.

It was moved by Dr. Warren, seconded by Dr. Folinsbee that this statement be incorporated into the minutes of this Faculty. The motion was approved by a standing vote.

On a motion by Professor Long, seconded by Dr. Collier, the minutes of the previous meeting were approved as circulated.

1. Foreign Language Pattern

Since no special changes appeared to have been made in this pattern, it was approved as stated.

Dr. Owen drew attention to the fact that there was an ambiguity in the third year of all the B. A. patterns, namely, that the present wording apparently permitted a student to take more courses from the department under which he was working than the maximum of five laid down in the calendar. Dr. Walker, however, referred Council to Page 32 of the small Arts calendar in which it was stated that not more than two courses can be taken from any one department during the one year. This section seemed to take care of the above ambiguity. However, the Dean pointed out that the pattern statement itself should carry the correct prescription while the exception should be provided for in the note. It was decided that the statement to which Dr. Walker had referred should be placed at the beginning of the pattern outlines.

2. Fine Arts

The Committee recommended that the Fine Arts pattern be discontinued. It was felt, however, that there were enough courses in Music to begin a pattern in that division, but the Committee itself did not feel that it could work out a suitable course at this time. Music, Drama and Art courses would, of course, be available as options in any of the other B. A. patterns.

3. Division B Patterns - Recommendation V

> "That there be instituted a Political Science pattern and an Experimental Psychology pattern."

It was agreed that this recommendation should be left in its present form.

The Chairman pointed out that the "one" languages should be deleted from all B-Division patterns since it was decided that "one" languages should not be placed in the calendar along with languages at the academic level.

Professor Ryan moved an amendment to be applied to all B-Division patterns:

> "That English 2 be compulsory for all first-year B. A. students."

Mr. Ryan explained that, in the new matriculation requirements, English III literature would no longer be compulsory. This meant that a student might enter University with no Grade XII Literature and proceed to a B. A. in the B-Division and graduate with no further knowledge of or training in English literature. Professor Salter, in seconding the motion expressed the opinion that it would be a discredit to the University if such a situation could arise. He stated that English 2 has become somewhat of an oriantation course into the whole work of the University. He also explained to Council the system of marking Grade XII papers that prevailed. Under this system, it was possible for a student to come to University with only 100 marks out of a possible 500 on the English paper.

Dr. Collins stated that, in his opinion, foreign languages were indispensible in the study of history. In order to make the pattern a little more flexible, the Department of History was attempting to enable a student to take two foreign languages in his first year. English 2 could be picked up in the second year. Professor Salter pointed out that there were several options listed in the History pattern and there was no reason why another foreign language could not be taken in the first year as an option. It was felt that the present prescription made it possible for students to skip English altogether. Professor Hanson mentioned the fact that English 2 appeared to be compulsory in the Philosophy-Psychology pattern but not in the History or Political Economy patterns. There followed a brief discussion on the relative merits of foreign language study as compared to the study of English.

In answer to a question from Dr. Owen, the Chairman stated that the change in the High School prescription for English, namely, making the language compulsory and the literature an elective, was something that would have to go to General Faculty Council for approval., insofar as it had any bearing on matriculation requirements.

On being put to a vote, Professor Ryan's amendment was carried with 24 in favor, 12 opposed.

4. Experimental Psychology

It was moved by Dr. D. E. Smith, seconded by Dr. Owen, that this pattern be included among the B. Sc. patterns and that the degree awarded be a B. Sc. By way of explanation, Dr. Smith stated that there are two phases of psychology, one of which involves the application of the scientific method to the study of humans. It requires a background of C-Division courses. The other branch of Psychology emphasizes somewhat less the experimental method and requires a background of A and B courses. He felt that perhaps Psychology 59 and Psychology 63 should be listed among the C-Division courses in the calendar. He went on to say that there is a precedent for this at the University of Chicago where psychology is represented in the Division of Biological Sciences. In answer to a question from Dr. Greene concerning the narrowness of the pattern, Dr. Smith pointed out that many of the courses which are listed as options have pre-requisites, so much so that in order to take Biochemistry, for example, students have to take certain subjects in their first year. It appeared that there was no more rigidity in this pattern than in any of the science patterns. It was noted also that this pattern would come under the same regulations regarding foreign languages as the other B. Sc. patterns.

The amendment was put. In favor: 30, opposed: 9. Amendment carried.

Dr. Smith moved a further amendment to the pattern, namely, that the phrase "or an approved A or B option" be added to the second line of the third year. Seconded by Dr. Whyte. Carried.

5. Physical Science Patterns

Dr. Walker stated that these patterns had been left very much the same as they were before. There appeared to be no objections to any of them.

6. Biological Science Patterns

These were accepted as prescribed.

7. B. Sc. in Clinical Biology

The Chairman drew attention to the fact that the old Special Biological pattern had been slightly changed and re-named the B. Sc. in Clinical Biology. Dr. Walker stated that the Committee had decided not to regard this as a pattern comparable to the others because of the fact that it had been developed to meet the needs of young women who wish to have a B. Sc. and obtain employment as laboratory technicians. It was felt that, in order to emphasize the distinction between this type of B. Sc. program and that represented by the regular patterns, it should be listed separately.

Dr. Stuart informed Council that there was one important fact to be considered. While laboratories would continue to use young women for routine work, there was an increasing need in laboratories for male people with a similar basic training. These people would be able to make a permanent career of laboratory work. He noted that this course seemed to be restricted to women students. He moved that the restriction be removed and that men students be permitted to enter this course. Dr. Collier seconded the amendment and stated that in his opinion it would be unfortunate to restrict such a course to women students. In answer to a question, Dr. Stuart explained that, although the future for men taking this kind of B. Sc. degree did not seem very clear at the moment, it was becoming obvious that there was a future for such men in that they would be needed to fill the inevitable gap between the routine technicians and the academic staff.

Dr. Walker, on behalf of the Committee, explained that it was felt that the course should be restricted because of the tendency of men students, since the abolition of the combined B. Sc.,M. D. course, to select this pattern with a view to Medicine whereas the other patterns were actually more suitable for this purpose. He felt, also, that a serious-minded person who intended to stay in the field of laboratory work for a number of years, might well be served by taking a Zoology or Chemistry pattern.

At this point, Dr. Stuart's amendment was put to the vote and carried.

There followed a discussion as to the choice of a name for this particular program. It was decided to leave this for further consideration. Dr. Moss, objecting to the mention of "biology" in the title since there seemed to be no Botany, moved that an option in the first year be made Botany 1. Seconded by Dr. Whyte. Dr. Miller expressed the view that some department should be made responsible for the administering of this course and should also find a proper title for it.

Dr. Moss's amendment was put to the vote. In favor: 15, opposed: 13. Amendment carried.

Dr. Moss then moved a second amendment, namely, that this be listed as one of the regular B. Sc. patterns. Dr. Johns, in seconding the motion, stated that this pattern was the closest thing to a pattern in Bacteriology that could be obtained. At the moment, in order to obtain any specialization in Bacteriology, it was necessary for students to take Medicine.

The amendment was put to the vote and defeated.

The Chairman informed Council that he would be prepared to give any member an opportunity within the next two months to raise some point of detail in the whole report that was worthy of reconsideration. In the meantime, general clearance had to be obtained from General Faculty Council for changes made so far. He called for a motion to approve the whole report as amended.

Dr. Walker moved that the report of the Committee as amended be accepted and that the provisions therein come into effect in the fall of 1952. Seconded by Dr. Collins. The Chairman assured Council that if any further changes were introduced at the next meeting, they could also be effective in the fall of 1952.

The motion was put and carried.

7. N.R.C. Fellowships

The Chairman read a letter from Dean McCalla regarding N. R. C. Post-doctorate Fellowships, of which at present there are five. The letter, in part, is quoted below:

> At the March meeting of General Faculty Council, there is to be a discussion as to whether or not the number of such Post-doctorate Fellowships tenable in the University might be increased. I should appreciate knowing if any Department in your Faculty might be interested in having such Fellows work in the Department, providing suitable men applied. The main idea behind such fellowships is to provide opportunities for additional training for men who have completed work for the doctorate but who would like to get into an institution where there is some teaching. Council members hope that at least some of the Fellows who are appointed under this scheme eventually might find a place on a University staff.

It was emphasized that discussion with Department Heads would be of an exploratory nature only.

8. History

Professor Long referred to the course in Mediaeval History (106) which had been approved at an earlier meeting of Council and which he now proposed to number 53. History 53 was a course in mediaeval history that had been given several years back. It was also proposed to extend History 68 back to include the Tudor Period. Since History 67, given four or five years ago, dealt with this period, it was thought that 68 should be renumbered 67. These changes were seconded by Dr. Collins. Carried.

The meeting adjourned at 6:10 P.M.

John Macdonald

Dean

Minutes of the 436th meeting of the Council of the Faculty of Arts and Science held on Monday, March 3, 1952 at 4:30 P.M. in the Senate Chamber.

Present were: Dean Macdonald, in the Chair; Professors Patrick, McIntyre, Duggan, Stirrat, Mardiros, Salter, Scargill, Whyte, Spearman, Cormack, Miller, Clare, Kreisel, Morrison, Tuba, Ryan, Greene, Glyde, Eaton, Healy, Moss, Owen, Hardy, May, Stelck, Keeping, Newbound, Thomas, Collins, Grayson-Smth, Hanson, J. W. Campbell and Mr. Taylor.

The Chairman mentioned that the last paragraph regarding History changes was apparently not intended by the Department of History. A further discussion would be held with the Department concerning the true situation there. The Chairman called for a motion to approve the minutes as circulated, eliminating the paragraph referred to.

A further correction was made in the minutes. On Page 2, paragraph 3, the following phrase was added: "insofar as it had any bearing on matriculation requirements". It was moved by Mr. Ryan, seconded by Dr. Healy, that the minutes be approved with the above changes noted. Carried.

1. Dean Macdonald announced that General Faculty Council had approved the terms of Dr. Walker's Report as it was finally passed by this Council. He went on to say that the Department of Education was contemplating two courses in English, one the full course counting for five units and concentrating on language, and another course concentrating on literature. He mentioned that it had not yet been decided whether that second course would also be a full five-unit course. If it was, the natural thing to do would be to report that to General Faculty Council because it could be used for matriculation purposes as a legitimate alternative to Social Studies 3. If it were not offered as a five-unit course, it would still remain as a non-academic elective open to everyone. In either case, the arrangement might

have a bearing on the question of making English compulsory for every student entering this faculty. It was noted at this point that in the new High School program, it is planned to offer twenty-one credits for English in place of fifteen, including both the language and the literature. The Chairman informed Council that the situation was not yet completely clear, but it was hoped that the Department of Education would reach a definite decision in the very near future.

2. Foreign Language Provision for First-Year B. Sc. Candidates

The Chairman stated that Council had agreed in principle to the arrangement by which first-year B. Sc. students would be given an opportunity to offer the language of matriculation in place of English. But the members of the English Department had represented to the Chairman that, without going beyond that principle, they would feel happier if certain other alternative methods of giving effect to the principle were explored, namely, (1) that the wide open option in the final year be moved over to the first year and the foreign language be fitted in there; this would eliminate the open option in the third year altogether; or, (2) that the suggested 75% average requirement be eliminated altogether, leaving it open to any student to elect the foreign language in lieu of English.

At this point, Professor Salter moved that the Faculty accept two non-science subjects in the first year of the B. Sc. pattern, one of which would be English. Seconded by Dr. Cormack.

With regard to the 75% rule, he mentioned that the Department had spent a great deal of time in planning a course in English for science students as an alternative to English 2, namely, English 5S. The 75% rule was illogical because it meant that a student with a mark of 75% in High

School English would be excused from further English, but that the student with a mark of 74% would not. He felt that a student with 75% in Chemistry or Physics or Mathematics might well be excused from taking first year courses in those subjects. He pointed out, also, that if all students with a mark of 75% or better were lost, the only ones left would be those who are capable of no mark higher than 60%. Any other provisian than the 75% rule would be preferable.

Speaking to the motion, Professor Grayson-Smith stated that the three physical science subjects in the first year of that pattern, namely, Chemistry 40, Mathematics 40 and Physics 40, were absolutely essential because of the fact that they were fundamental to any senior courses that might be taken and were constantly being referred to in senior courses. The biological science asked for in the first year of that pattern was also necessary as a broadening course. He did not see that it would be possible to fit two non-science subjects into the first year of the Physical Science patterns without completely re-writing the whole pattern. Dr. Moss supported Dr. Grayson-Smith's remarks and mentioned that the situation was even more involved for the biological sciences, since the latter depended a great deal on physical sciences. Dr. Whyte suggested that the foreign language be admitted as a special A or B course in the second year, but Dr. Healy pointed out that the two-year interval between High School and the taking of the language in University would be very harmful. After some further discussion, it was agreed that if Professor Salter's amendment was passed, the pattern system for the physical and biological sciences would have to be returned back to the Committee for re-writing.

Professor Salter suggested the following compromise: "that the foreign language of matriculation may be substituted for English 5S of the first year B.Sc., provided English 5S is taken in the second year". This would eliminate the 75% rule entirely, and put English in open competition with the languages. His new amendment was seconded by his seconder, Dr. Cormack.

The amendment was put and carried.

3. The Chairman mentioned one further point. After the decision had been made about second class standings, a member of the staff made an interesting suggestion, namely, that instead of requiring a certain number of second class standings, an over-all average of 60% should be required before a student would be granted his degree. The problem here was whether this would raise or lower the present standard. The Chairman asked Council for permission to appoint a small committee of two to investigate this suggestion, using a considerable number of sample cases. This committee would report back to Council. It was agreed that this should be done.

4. Music Pattern

This new pattern was proposed by Professor Eaton, seconded by Professor Glyde.

First Year	English 2 French 2 or Latin 2 or German 2 History 10 Laboratory science or mathematics course Music 41 Physical Education
Second Year	Science or Mathematics course Senior course, Div. A or B An approved option Music 45 Music 51
Third Year	Science or Mathematics course A senior course from Div. A or B An open option Music 55 Music 52

After a brief discussion, the motion was put to the vote and carried.

5. Professor Salter reminded Council that up until two years ago, test weeks were set aside during which students were not permitted to absent themselves from the University for any outside activities. Since they had been abolished, it was becoming increasingly difficult to find a time during which a test could be given conveniently to all students. Consequently, an instructor had to either give a student an aegrotat standing for a test missed or provide him with another test. He felt that the matter should be re-opened and wondered if this Council would be prepared to initiate the investigation.

Professor Salter moved that this Council recommend to General Faculty Council that a test week in November and February be restored and that said test weeks should be held free of off-campus activities. Seconded by Dr. Scargill. The motion was put to the vote and carried.

The meeting adjourned at 5:45 P.M.

John Macdonald

Dean

April 7, 1952

Minutes of the 437th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Monday, April 7, 1952 at 4:30 P.M.

Present were: Dean Macdonald, in the Chair; Professors McIntyre, Duggan, Scargill, Cormack, Harris, Brown, Davis, J.W. Campbell, Owen, Mardiros, Salter, Ryan, Whyte, Clare, Kreisel, Faucher, Johns, May, Stelck, Collier, Tuba, Strickland, Moore, Newbound, Stirrat, Collins, Morrison, Long, D.E. Smith, Keeping, Wyman, Scott, Walker, Rice, Orchard, Grayson-Smith, Hanson, Mayo, Folinsbee, Patrick, Spearman, Miller, Rees, and Mr. Taylor.

On the motion of Professor Salter, seconded by Mr. Kreisel, the minutes as circulated were approved.

1. Second Class Requirements

Professor Keeping and Dr. Wyman reported the result of a study to determine the effect of requiring a 60% average in lieu of the present four senior second classes. The statistical statement is attached to the permanent minutes. The cases of thirty-four borderline students were examined. Professors Keeping and Wyman studied what would have happened in these cases under four different types of requirements:

1) The old requirement - four senior second classes (Plan A);
2) The rule now adopted - six seconds in all years with four at least in the second and third years (PlanB); (3) Six seconds in all years - no restrictions (Plan C); (4) An average of 59.5 in all courses of second and third year (Plan D).

Professor Salter, at this point, raised the question of whether it was not sufficient to demand a straight pass as a minimum for all courses. He queried the desirability of imposing any requirement beyong this. The Chairman remarked that, while that issue was not in question at the moment, he thought he should point out that the feeling has been generally throughout the years that the requirement of a certain number of second class standings has had a salutary effect, both on students and staff. It reminds students that they ought to be capable of something better than a bare pass in some subjects. So far as instructors are concerned, if 50% is the only hurdle set up, there is a natural tendency to r raise borderline marks such as 47 and 48 to 50. This tendency is not at all likely to appear with regard to marks that are slightly under 65.

It appeared that Plan B, which was the one recommended by Dr. Walker's committee and approved by Council, was somewhat more severe in its incidence than any of the other three. Dr. Walker, however, pointed out that if the students had been aware from the beginning that the first year was going to be in the picture so far as second classes were concerned, the results might have been different.

In reply to a question about the small number of cases examined, Professor Keeping pointed out that only borderline cases were of interest and there would be no point in including cases which would have passed on any of the four plans. Dr. Wyman pointed out, in reply to a question as to why it was the two upper years that were considered, that Professor Keeping and himself felt that the first year should be looked on as a transition year between High School and University and should not be included when computing the average.

After some further discussion, Dr. Miller suggested that Procedure C represented a good compromise. He felt that setting an average did not allow for any clear-cut procedure for a student to follow in order to increase his average to the figure set for graduating. It was moved by Dr. Harris, seconded by Dr. Miller that Plan C be adopted rather than Plan B. The motion was defeated.

Dr. Johns and Dr. Folinsbee both expressed the opinion that perhaps the old plan (Plan A) might be the best. In view of the fact pointed out by Dr. Wyman that the Committee had been making a special point of finding a distinction between junior and senior courses, Dr. Johns moved that four second classes be required in the second and third years with no distinction between junior and senior courses. The motion was seconded by Dr. Owen. On being put to the vote, it was defeated.

It was therefore agreed that Plan B (six second classes, four of which must be obtained in the second and third years) should stand.

The Chairman stated that this Council was greatly indebted to the work done by Dr. Walker's committee. Its meticulous study of the situation drew attention to actual weaknesses and ingeneral cleared the way for a useful reconsideration of B.A. and B.Sc. requirements.

April 7, 1952

2. University of Alberta Research Scholarships

The Chairman announced that the University of Alberta Research Scholarships were being raised in value from $600 to $900 and reminded departments that applications should be in the Registrar's Office by April 15th. The Tegler Scholarship would likely be raised to meet this figure, but as yet this was not definite.

3. Department of History

Referring to the minutes of February 4, 1952, Professor Long moved an amendment to the wording of a minute passed at that time. The first two sentences were to be deleted and the following substituted:

"History 53 was a course in Medieval Histroy that had been given several years back. It was now proposed that it be revived and the content changed to History of Medieval Institutions.

Seconded by Dr. Collins. Motion carried.

4. Final Examinations

Council was reminded that blue sheets should be included with examination returns with recommendations regarding the raising or lowering of marks. This would be of great help to both the First Year Committee and the Revisions Committee. It was announced that the deadline for marks for graduating students was May 1, and for all others, May 8.

5 Philosophy

Professor Mardiros moved that Philosophy 105 (Aesthetics), now a graduate course, be thrown open to senior students, the object being to give senior students a wider choice of Philosophy subjects. Seconded by Dr. D.E. Smith. Carried

The meeting adjourned at 5:20 P.M.

Minutes of the 438th meeting of the Council of the Faculty of Arts and Science held in the Senate Chamber on Thursday, May 8, 1952 at 2:00 P.M.

Present were: Dean Macdonald, Chairman; Professors Cormack, Scargill, Grayson-Smith, Morrison, Strickland, Harris, Moore, Moss, Owen, Patrick, McIntyre, Stirrat, Collier, Mayo, Hanson, May, Duggan, Tuba, Folinsbee, Davis, Newbound, Walker, Kreisel, Johns, Nichols, J. W. Campbell, Thomas, Keeping, D. E. Smith, Scott, Salter, Dunlop, Rice, Stelck, Long and Mr. Taylor.

With regard to the minutes, Professor Keeping drew attention to Page 2, line 4 and suggested that the second sentence in the paragraph was misleading. The Chairman agreed to reword the sentence. With this change, the minutes were approved as circulated on the motion of Dr. Walker, seconded by Professor Nichols.

The Chairman asked that the mimeographed reports now before members of Council be returned to his office at the end of the meeting because they contained information that should not become public until after the meeting of General Faculty Council. The reports would be returned to members after that meeting.

1. Report of the Committee on Honors

Governor-General's Gold Medal: Ross Allen Garrison (Honors Chemistry)

First Class Honors:

Crawford, Robert James	Chemistry
Finlayson, Henry C.	Mathematics
Garrison, Ross Allen	Chemistry
Hironaka, Misae (Miss)	Chemistry
Martin, Leonard J.	Geology
Millar, John Burton	Conservation Biology

First Class Honors continued

Puhach, Paul A.	Physics
Quirin, George D.	Political Economy
Reist, Elmer J.	Chemistry
Scott, Evelyn Jean	Chemistry
Sinclair, Roy G.	Mathematics
Tory, Elmer M.	Chemistry
Wilcox, Lloyd D.	Modern Languages

Recommended for Honors:

Dellert, Eva E.	Biochemistry
Dorin, Herman H.	Modern Languages
Garrison, Philip N.	Physics
McCosham, Victor J.	Chemistry
Sribney, Mike	Chemistry

Special Case:

Wenaas, Carroll J. - It was reported by the Department of Political Economy that this student had not completed all the reading assignments for a reading course in Political Economy. It was recommended that the awarding of his Honors degree be deferred until fall, pending submission of the assignments in Political Economy 105.

It was moved by Dr. Walker, seconded by Dr. Grayson-Smith that the above recommendations be approved by this Council and forwarded to General Faculty Council for approval. Motion carried.

2. Report of the Revisions Committee

Recommended for the degree of Bachelor of Arts:

Aldridge, Allan K.
Allford, Jack
Allison, William L.
Anderson, Raymond C.
Baracos, Marguarita
Bateman, Walter J.
Beames, James W.
Belkin, Naomi
Bolle, Arthur M.
Boyer, Florence M.
Buchanan, Kathryn Anne
Cairns, Allan T. J. (first class standing)
Clarke, Penelope K. (first class standing and first class general standing)
Dea, John B.
Dorin, Herman H. (Honors Modern Languages)
Floyd, John Peter
Fowler, Marvin G.
Frinskie, Rosalie
Gell, David E.
Gurevitch, Gladys Geta
Harris, Joan L.
Harvie, Eric A. (First class standing)
Johnson, William A.
Jones, Percival W.
King, Violet P.
Lagasse, John L.

Lazerte, Curtis A.
Lepage, Edith P.
Lepage, Raymond F.
Lerner, Dennis A.
Ling, Leonard F.
Love, Joyce R.
McCosh, Audrey Yvonne
MacDonald, Dorothy D.
McDougall, Janet L.
MacKinnon, Donald Hugh
McNiven, Eleanore J.
Maerov, Phyllis R.
Mallabone, Ernest W. H.
Miller, Clarice M.
Miller, Donna D.
Miller, Ralph M.
Miller, Sheila J.
Mix, Quentin L.
Murphy, John Vihcent
Newcombe, Dale G.
O'Hara, Patricia Ruth
Olsen, Lola Evelyn
Panabaker, Helen Anne (First class standing and First Class General standing)
Patterson, Bruce
Porozni, George J.
Prowse, John Cameron
Ptolemy, David W.
Quirin, George David (1st class Honors in Political Economy)
Randall, Lisle W. R.
Rapske, Arnold
Richards, Yvonne June E.
Roslak, Jaroslav
Schlosser, Mary Jane
Sheftel, Rose Marie
Sloan, Robyn W.
Snith, John Leon
Sokolow, Rose Marie
Stanley, Irmadell K.
Stewart, Ardis Daphne
Stewart, Neil John
Stolee, Leif Gordon
Thompson, Dennis Edward
Wilcox, Lloyd Douglas (1st class Honors in Modern Languages)
Wheeler, Valerie Joan (1st class standing)
Wilkins, Emmie Louise
Williamson, Harold D.
Wilson, Aileen M.
Wilson, Catherine E.

It was moved by Dr. Davis, seconded by Dr. Newbound, that the above students be recommended to General Faculty Council for their degrees. Carried.

Recommended for the degree of Bachelor of Science:

Anderson, Barbara Jane
Becker, Sally Anne
Bell, Lawrence L.
Berg, Margaret Violet (1st class standing)
Briggeman, Ronald A.
Bouvier, Demase David
Buie, William John
Burgess, Lawrence
Busse, Lee Ralph
Cherwan, Eileen Helen
Connolly, Dennis E.
Crawford, Robert James (1st class Honors in Chemistry)
Crooks, Hugh James
Dellert, Eva E. (Honors in Biochemistry)
Donais, Raymond J.
Downe, Aylward Ernest R.
Dushinski, Walter G.
Eritsland, Oscar B. (1st class general standing)
Evanovich, Helen
Finlayson, Henry Charles (1st class Honors in Maths)
Farley, Jack
Feir, Terence Charles

Francis, Gerald James P.
Friedman, Morris Harold
Fuglem, Milton O.
Garrison, Philip Norman (Honors in Physics)
Garrison, Ross Allen (First class Honors in Chemistry)
Gittins, Diane Ruth
Goodman, Yvonne E.
Gretsinger, James A.
Hannah, Joan Elizabeth
Hardin, Harry Theodore
Heffernan, Betty Anne
Higgin, John Ross
Hill, Trevor Bruce
Hironaka, Misae (First Class Honors in Chemistry
Johnson, Ronald P.
Kanasewich, Ernest Raymond
Karateew, Edward B.
Kolotyluk, William
Krause, Gerald George
Krausert, Russell L.
Lane, Lois Vera
Leslie, Kenneth E.
Little, John Scott
Lynnes, Howard Malcolm
McCosham, Victor John (Honors in Chemistry)
McLean, William N. A.
McLeod, Alfred George
Martin, Leonard John (First class Honors in Geology)
Mellon, Garnet Maxine
Millar, John Burton (First Class Honors in Conservation Biology)
Miller, Joseph
Miller, Kathleen L.
Miller, Melvin Joseph
Montgomery, Eileen
Moore, Jerrold
Morrison, Mary Jeanette
Murray, Donald James
Nahornick, Boris Alexander
Paetz, Martin Joseph (First class standing)
Palmer, Marvin G.
Paproski, Kenneth
Pawluk, William
Pilling, Loran F.
Proudfoot, William Arthur
Puhach, Paul Alexander (1st class Honors in Physics)
Pullishy, Walter
Purcell, Lawrence Patrick
Ramage, Howard Charles
Reist, Elmer Joseph (First Class Honors in Chemistry)
Rymer, Gladys Mary
Sadler, Phyllis Jean
Sawada, Kamio
Schwartz, Howard William
Scoffield, Jane Margaret
Scott, Evelyn Jean (First Class Honors in Chemistry
Selby, William Ernest
Sheinin, Rebecca G.
Sheptycki, William
Shimizo, Henry John
Sills, Lloyd Frederick
Sinclair, Roy George (First class Honors in Mathematics)
Sribney, Michael (Honors in Chemistry)
Starko, Marvin M.
Stewart, Robert James
Stiles, Donald James
Sutherland, Joan Elizabeth
Tanasiuk, Eli
Tomie, Marjorie Joyce
Tory, Elmer Melvin (First class Honors in Chemistry
Trotter, Margaret I.
Turnbull, William F.
Varvis, Alkmine
Wallace, Donald S.
Waterhouse, Gerald
Weiss, Shirley Jean
Whyte, Frances Doreen
Wray, Richard
Young, David Rolland
Young, John Keith

It was moved by Dr. Davis, seconded by Dr. Newbound, that the above students be recommended to General Faculty Council for their degrees. Carried.

The following students failed to meet requirements for their degrees:

Failed B. A.:

Free, Marjorie Anne	Failed History 60 mark 39%. Has seconds
Mah, Thian Kwong	Needs one second
Miklos, Frank	Needs one second
Murskyj, Hyrhory	Failed three courses. Has seconds
Newman, Tibele	Two deferred finals granted. Needs two seconds
Sheehan, Mary L.	Needs one second

Failed B. Sc.:

Agnew, Hinds	Needs one second. Did not write exam. in Math 42.
Bilton, Glean R.	Failed two courses, Has seconds
Cormack, David	Failed two courses. Needs one second
Cuyler, J. David P.	Failed two courses. Needs one second. Missed one examination
Evans, Ralph Gordon	Should clear two failures, one of which is Political Economy 61. Reverting to pass degree from Honors Physics.
Grant, James M.	Needs one second and a pass in Maths 43.
Harrison, Marshall A.	Lacks one second. Deferred finals granted.
Hurlburt, Robert	Lacks two seconds.
Juba, Victor Orest	Failed two courses. Has seconds
Kates, Sydney Max	Two deferred finals. Has seconds
Kruger, Oscar H.	Needs one second
Layton, Laurie R.	One failure, needs one second
Leslie, Gordon A.	Needs one second
McGhee, Lois Lucille	Failed one course. Has seconds
McLeod, Malcolm E.	Failed one course. One deferred final. Needs one second
Mandryk, Harry	Failed two courses. Needs one second
Mason, Robert J.	Needs one second
Mihalcheon, George E.	Failed three courses. Needs one second. No supplementals granted.
Mortwedt, John A.	Needs two seconds
Niziol, Stephen J.	Needs two seconds
Payne, Allan C.	Failed four courses. Did not write Botany 1. No supplementals. Must repeat year.
Publicover, Henry M.	Needs two seconds
Shipka, Thomas H.	Needs two seconds
Sigal, Simon J.	Needs one second. Failure in Physics 42.
Witwicky, Peter	Failed one course. Has seconds
Graves, Robert R.	Failed one course. Needs one second

It was moved by Dr. Davis, seconded by Dr. Newbound that the above report be forwarded to General Faculty Council for approval. Carried.

3. Report of the School of Household Economics: - moved by Miss Patrick, seconded by Miss McIntyre. Carried.

Recommended for the degree of B. Sc. in Household Economics:

Davies, Doris Anita
Day, Marilyn Marjorie
Erdman, Aino Evelyn
Godel, Marie-Louise Misette
Gowda, Melvina Mildred V.
Hannah, Mary Enid
Hansen, Margaret Anne
Johnston, Catherine Robb
Livingstone, Dorothy Margaret
Meakin, Frances Joan
Mercer, Juanetta
Penman, Josephine Thomas
Rennie, Jean Annabelle
Smith, Shirley Irene
Tkachuk, Sophie
Wachowich, Adelaide Agnes

4. Report of the School of Commerce:

Recommended for the degree of Bachelor of Commerce:

Beacom, William Edgar
Blacklock, Arlene Carol
Brown, Charles Edward
Campbell, Gordon Ray
Chisholm, Forbes Merritt
Clark, Adolph John
Dill, Richard Webb
Eurchuk, Walter John
Farley, Frances Noreen
Johnston, Kenneth Alvin
Lee, Frank Lung
Lemasurier, Robert Harold
Lemay, Joseph Rene
McKinlay, Samuel Joseph
MacLagan, John Lyall
Makohonik, Stanley Walter
Manning, Kenneth MacMillan
Milani, James Anthony
Nelson, Jack Thomas
Pinder, Thomas Holtby (First class general standing)
Pinnell, Frederick Norris
Planche, Hugh Lakin
Pundick, Mike
Wright, Gordon Henderson

Failed to meet requirements for the B. Com. degree:

Abousaffy, Edmund Paul	Needs two seconds
Ensch, John William	Needs one second
Smith, Gordon Wayne	One failure
Whyte, Charles Andrew	Needs two seconds

It was moved by Professor Hanson, seconded by Dr. Mayo that the above recommendations be forwarded to General Faculty Council. Carried.

There followed a short discussion on the best way of dealing with the cases of foreign students who consistently fail English 2. A case in point was that of Mr. H. Murskyj who had taken English 2 for three years and had again failed the course. Professor Salter was of the opinion that such a student would never be able to properly pass English 2 and felt that a substitute course should be given him. It was finally agreed that he should be notified that he would be refused admission to English 2 until he could produce standing in the language part of Grade XII English. The Chairman also suggested that he should be told that there would be no point in his attempting a supplemental in the course. The Dean agreed to communicate these rulings to Mr. Murskyj.

At this point, President Stewart joined the meeting. He addressed a few words to Council concerning the retirement of three members, namely, Dr. F. Owen, Professor M. H. Long and Dean John Macdonald. Since this was the last official meeting for these three members, President Stewart expressed, on behalf of Council, appreciation of the long and devoted services that Dr. Owen, Professor Long and Dean Macdonald had given to the University. He expressed the hope that they would feel free to attend future Council meetings as guests whenever they desired to do so.

The President went on to say that, as Dean, Dr. Macdonald had fulfilled his duties admirably, and had impressed everyone with his unfailing wisdom and ability to offer solutions to problems that had appeared almost insurmountable to others. In his capacity as President, Dr. Stewart had found a great deal of pleasure in being associated with Dean Macdonald. On behalf of Council members, he thanked Dean Macdonald for the fine service he has rendered to members of Council and to the University as a whole.

Dean Macdonald thanked the President and members of Council for their kindness and their warm reception of the President's remarks. He also expressed appreciation of the co-operation he had always received from his colleagues and stated that he was leaving with complete confidence in his successor, Dr. Johns, and in the Council itself.

The meeting adjourned at 2:55 P.M.

Walter H. Johns.

Dean

Report of the Special Committee Appointed to Discuss

Divisioning of Faculty of Arts and Science

The members of the Committee have carried out the survey of existing departments, suggested in their progress report of December 4, 1950. Conclusions drawn from this survey are now presented, together with recommendations for the further study of certain details.

1) Administration

There is general agreement with a proposition that an efficient administrative unit is a Department having from 6 to 10 permanent staff members, and covering either one subject or a group of two or three closely associated subjects. Examples of existing group departments are Moderns (French, German and Russian), Fine Arts (Art, Music and Drama), Mathematics (Pure Mathematics, Mechanics, Astronomy). In these cases the grouping works efficiently, because the Department Head can be reasonably familiar with the needs of all the separate subjects.

In an organization of the Faculty into divisions (Humanities, Social Sciences, Physical Sciences, Biological Sciences, were suggested in the terms of reference) most of the group would be much larger than the suggested efficient unit, and the subjects involved in most divisions would be much less closely allied than in the existing combined departments.

Divisioning must tend towards one or other of two forms. In one extreme form the departmental organization would disappear, and the Division Head would be responsible for all administrative detail. The Committee is of the opinion that this extreme type of divisioning would be quite unworkable in the larger groups. No one man could be sufficiently familiar with the details of all the subjects concerned to carry out his task efficiently. If such a man could be found he would probably find himself saddled with so much detail that he could take very little part in either teaching or research. Thus in the large groups the organization would inevitably approach the second form.

In the second extreme a senior professor in each subject would handle most of the detail now entrusted to the Department Head, and would be a department head in all but name. The Division Head would become a sort of liaison officer, attempting to co-ordinate the different subjects in his division, and a go-between from the senior professors to the Dean. This type of organization has been tried in some large universities, with the Division Heads acting as "sub-Deans". This has the undesirable feature of imposing another level of authority in the channel from the ordinary staff member to the President, and the Committee sees no need for it in this University.

On the other hand there are certain groups of small departments which might be amalgamated for administrative purposes. For example, there would be some advantage in combining Botany and Zoology and related subjects if their laboratories could be brought under one roof. Something might also be accomplished in the Social Sciences group, i.e., economics, political science, psychology and history.

2) Curriculum

It is clear that the curriculum has to be organized by subjects, as at present, even in the General B. A. and B.Sc. patterns, but one advantage of the suggested divisioning scheme would be better co-ordination between different subjects. Co-operation between departments with similar interests is essential, but in most cases this is being obtained by informal consultation. Co-ordination between divisions, and with departments in other faculties would still be necessary. The Committee believes that, where better co-ordination is needed, at attempt should be made to obtain it by consultation before imposing any formal organization.

One suggestion which would help to promote co-ordination of the curriculum is that each Department should be asked to place on file brief outlines of the courses offered, giving more detail than the calendar descriptions. These would be available to other departments for examination.

The survey indicated that there is a certain amount of overlapping between different departments, in the sense of one department giving courses which conventionally lie within the field of a different department, or even of a different Faculty. This is not necessarily a bad thing, and where it occurs there is usually close informal co-operation between the departments concerned. Duplication of course material in different departments does not seem to be a serious problem.

A suggestion was made to the Committee that it is time to re-examine the General B.A. and B.Sc. patterns, and the Committee agree that this task ought to be undertaken. Discussions in a committee set up for this purpose could help further to promote co-ordination. With regard to Honors courses the Committee believe that the present arrangement is satisfactory.

3) Recommendations

The Committee recommends:

a) That special committees of the groups concerned be set up to discuss amalgamation and co-ordination in

  (i) The Social Sciences group, including Psychology and history.

  (ii) The Biology group, including Entomology and Genetics.

b) That a committee be appointed to re-examine and amend if necessary the General B.A. and B.Sc. patterns. It is suggested that this should be a standing committee, to meet at least once a year at the time of the calendar revision.

c) That Departments be asked to prepare brief outlines of the courses offered, and make them available to other Departments on request.

Dr. Grayson Smith chairman
Dr. R B Miller
Dr. H B Mayo
Dr. F. [illegible]
Prof J. T. Jones.

education

REPORT OF THE FACULTY OF ARTS AND SCIENCE COMMITTEE

ON

THE REPORT OF THE COMMITTEE ON ARTICULATION OF HIGH SCHOOL AND UNIVERSITY CURRICULA

Terms of Reference

The Committee understands its functions to be:

1. To analyse the report from the point of view of the Faculty of Arts and Science.

2. To consider the matriculation requirements, as set down by the University, particularly with reference to the B.A., B.Sc. matriculation requirements, and to bring before the Council, suggestions, if any, for changes therein.

Analysis of the Report

1. It should be noted that the report, as presented, seems to represent in general the point of view of the Department of Education representatives on the Committee rather than that of the University members;

2. The report questions the value of certain of the present University matriculation requirements and suggests the elimination of some of them to make room for "new courses for which there is popular demand and apparent need" (p. 8 1.b) or for subjects having "greater preparatory value" or "having a more apparent background and cultural value for general living" (p.9, 2 a, 1 and 11.). In consequence, it has been felt necessary to enter into a brief comparison of the possible educational value of the kind of courses which might be substituted for the courses required at present for University matriculation. In fact, since the University matriculation requirements reach back into grades X, XI and XII, it is impossible to consider any report on the articulation of High School and University curricula without considering both those curricula. Such a consideration seems to lead inevitably to statements about the objectives of education, something which might, perhaps, be discussed further in joint committees of the Department of Education and the University.

3. The report, of the Committee on Articulation, in spite of some apparent contradictions, (e.g. the references to the Survey of English Literature and to Creative Writing on page 9), seems to contain an implication that the chief aim of education at the High School level might be, to be "useful" in the sense of being vocational in character.

   If this interpretation is correct, your Committee feels that although vocational skills are necessary in a complete education, basic education should be aimed at producing an attitude rather than at vocational skills. It points out that in the report of a recent General Faculty Council Committee on General Education headed by Dr. Stewart, a basic conclusion was that there should be more instead of fewer cultural subjects even in professional and technical courses.

   With this conclusion, which seems in accord with a continent-wide trend in educational objectives, specially developed since the last war, your Committee agrees. It cannot agree, therefore, that at both High School and University levels, education should be made more vocational or that the purely utilitarian yardstick should be accepted in measuring the value of matriculation subjects. It suggests, further, that at the High School level as well as at the University level, preparation for "general living" in the sense of helping students "how to live" rather than "how to make a living" can be secured better through basic academic subjects than by strictly vocational subjects. It is possible, in fact, that it is at the High School level that emphasis might well be placed on academic subjects since it is also possible that vocational and technical skills can be learned best after the basic core

[illegible]

[illegible]

[illegible]

[illegible]

The Committee subsequently [illegible] to:

(a) To analyse the report from the point of view of [illegible]

(b) [illegible]

[illegible]

1. [illegible]

2. [illegible]

3. [illegible]

[illegible]

[illegible]

of education (in the sense in which it is seen by your Committee) is achieved.

4. The report also seems to suggest that the academic type of student should be penalized in the matter of matriculation requirements for the supposed benefit of the non-academic type because, as it is stated, the non-academic type of student, in spite of guidance, insists on taking the subjects required for University matriculation. This scarcely seems to be the correct approach to the problems raised by the report.

5. In connection with both 2 and 3 above it might be noted that:

   (a) According to an incomplete analysis by Dr. Walker (which may, however, serve as an indication) some 30% of students completing Grade XII go forward to the University. This is a not unimportant percentage and it may well be felt that to provide specifically for its needs is sound.

   (b) An examination of the 1949-50 High School regulations show that in Grades X, XI, XII there are:

      1. Four compulsory subjects (35 credits out of 100 required for matriculation);

      2. Nine academic electives;

      3. Sixteen vocational electives;

      4. Twenty-six general electives.

   Thus, there are numerous non-academic electives for the non-academic type of students. However, according to the report, students tend to prefer the academic electives because of:

      1. An uncertainty at the High School age as to what their future career is to be;
      2. The inability of most High Schools to offer all or even many of the vocational or general electives.
      3. A social stigma on those who do not take the academic electives.

The above appear to be understandable reasons. It might be suggested, however, that a more definite attempt to attract non-academic students into non-academic patterns at the entrance to Grade XII could be made.

When, however, one turns to the content of some of the electives listed under vocational and general, your Committee wonders if the substitution of these for the present matriculation requirements would necessarily improve the calibre of High School education. The Committee doubts very much, for instance, if vocational electives, such as Woodwork, Metal-work, Printing, Fabrics and Dresses, are as valuable for general education as more emphasis on the subjects for University matriculation. Some of the vocational subjects, in fact, seem to your Committee to be in the "hobby" class. They could be developed in spare time. It seems doubtful, in any event, whether enough of some of these subjects can be taught to be of any "practical" value, at least with the present equipment of many of the High Schools of the Province.

In subjects such as Stenography and Bookkeeping it again seems doubtful whether their general educational value at the High School level is equivalent to the educational value of the matriculation subjects. In a partial survey of Edmonton business firms, for instance, made some years ago in connection with the work of the Committee to investigate the University, it was reported that students who had taken the High School Bookkeeping and Stenography courses required a further business course to fit them for this type of vocational work and that it would have been better if such students had learned to spell and to write grammatical English.

Subjects such as Music, Art, Drama, and Creative Writing would appear to be valuable for general education but not necessarily more valuable than the subjects of University matriculation. Furthermore, a subject such as Creative Writing assumes a maturity which High School students might not be expected to have - and certainly not until they have learned basic English grammar and must necessarily be limited to a small group of a very special type of student. Its

"practical" use for the majority of High School students is also no more evident than in the case of the subjects of University matriculation.

It is clear, of course, that the full educational value of academic subjects is bound up with the securing of keen and competent teachers of these subjects. So far as the question of interest is concerned your Committee is inclined to feel that any student who really begins to get an understanding of a subject under the guidance of a good teacher will become interested and that lack of interest may in many cases be due to imperfect knowledge and poor teaching.

6. The report might be interpreted as suggesting that a line be drawn between education at the High School and the University levels. Your Committee feels that, if this is a correct interpretation, such a tendency is to be deplored. The Committee would suggest, instead, a closer liaison between the two.

7. As minor points your Committee would note that it does not regard "apparent need" and "popular demand" (particularly the latter) as sound principles on which to base a choice of subjects for any curriculum. Both of the above tend to shift from time to time.

Your Committee also feels that the suggestion that few doctors for instance "use" Latin or Mathematics is not a valid reason for eliminating such subjects from matriculation requirements. The reasons for both these attitudes have been discussed above.

8. The report does, however, raise a basic problem, namely, that in the smaller High Schools of the Province the matriculation subjects and the non-matriculation cannot, apparently both be offered. It is also suggested that the present Grade XII year of seven academic subjects is too heavy. This may well be true, but it is pointed out that systematic homework for the adolescent, especially at the Grade XII level, may be important training, whether the student is proceeding to the University or not. In the latter case there seems to be little question of the value of some experience in this kind of independent study. However that may be, in the second part of this report, the University matriculation requirements have been examined to see if any changes can be made without impairing what ought, possibly, to be regarded as basic educational values.

SUGGESTIONS FOR CHANGES IN MATRICULATION REQUIREMENTS

1. The proposal made by the University representatives on the Articulation Committee to extend the University course to four years i.e. in effect to give Grade XII or a first year at the University, seems to be one that might be further explored. According to the report, however, this proposal does not find favour with the Department of Education.

2. Joint discussions between Department of Education and University representatives with respect to a more definite division of students at the Grade XII level into those intending to go forward to the University and taking, therefore academic subjects, and those not intending to proceed to the University and, therefore, choosing a number of non-academic electives, might be valuable. Such discussions might also consider other proposals, such as a concentration of University matriculation requirements in Grades XI and XII (e.g. Latin taught twice as many periods and with twice as many credits in Grade XII.)

In this connection your Committee has in its hands a brief summary, prepared by Dr. Scargill, of the English Educational system as laid down by the Education Act of 1944.

3. In an examination of the situation as it seems to obtain at present in this Province, and in an attempt to provide some flexibility in Grade XII, in particular, the following modifications in University matriculation requirements are suggested. Since any proposal for a general or minimum matriculation inevitably involves all faculties, the liberty of considering how the suggested modifications might affect the other faculties has been taken. It is to be clearly understood, however, that all these proposals are only advanced as suggestions, in order to present a basis for discussion as to what might be done.

Minimum Matriculation

(Social Studies 2)

English 3

A Foreign Language 3

Algebra 2

Three of: A second Foreign Language 3
Biology 2
Chemistry 2
Physics 2
Social Studies 3

Trigonometry and Analytical Geometry 1

One elective at the Grade XII level (academic, general or vocational).

N.B. Students are warned that matriculation by this minimum standard may limit their choice of faculties or their freedom to transfer to another faculty after registration. Therefore, if by the time they reach Grade XII they have determined for which faculty they wish to prepare themselves, they should consult the special matriculation requirements for the faculty concerned. This minimum matriculation, however, admits to the University and a student who has a deficiency in matriculation requirements for a particular faculty will be permitted to take courses at the University to clear such a deficiency but such courses will not be counted towards a degree and may increase the total time required.

RE ABOVE MINIMUM MATRICULATION

1. One space for an elective of any kind is made available in Grade XII.

2. The suggestion is made that the University do not require pre-requisites to the above courses, i.e. any student who has passed, for instance, the Grade XII examinations in Latin 3 or Chemistry 2 will be admitted whether or not he has taken both of Latin 1 and 2 or neither, and whether or not he has taken Chem. 1.

3. It was felt that the above suggestion for a minimum matriculation might be linked with a proposal that the Department of Education permit two languages to be taken in Grade X or that a satisfactory content for a two year intensive course in the languages and the sciences be worked out between the Department and the University.

SUGGESTED MATRICULATION FOR ALL FACULTIES

B.A.; B.A.LL.B.;
B.Ed.; B.COMM.

(Social Studies 2)
English 3
A Foreign Language 3
Algebra 2
Four of:
A second Foreign Language 3
Biology 2
Chemistry 2
Music 3
Physics 2
Social Studies 3
Trigonometry and Analytical Geometry 1

B.Sc. in Arts; B.Sc.M.D.;
Pre-Dent; B.Sc. in Engineering;
B.Sc. H.Ec.; B.Sc. in Agric.;
B.Sc. in Nursing; B.Sc. in Pharmacy

(Social Studies 2)
English 3
A Foreign Language 3
Algebra 2
Chemistry 2
Physics 2
One of:

    Biology 2,
    Trigonometry and Analytical Geometry 1

One Grade XII elective

Respectfully submitted

J. W. Campbell,
F. Owen,
D. E. Smith,
O. J. Walker,
A. A. Ryan,
W. G. Hardy, Chairman.

REPORT OF COMMITTEE ON GENERAL EDUCATION

Submission by Faculty of Arts and Science

The following comments are confined in the main to those points of the Report which make specific suggestions affecting the Faculty of Arts and Science.

I. B.A. and B.Sc. Programs

Recommendation D (Provision of special courses for purposes of general education)

The Faculty has anticipated this recommendation in two important ways, namely, by provision of a special type of course in biological science and in physical science for B.A. students.

Recommendation E (Provision of four C division courses for B.A. students and four A and B courses for B.Sc. students)

The Council recommends that the extra course in each case be not made mandatory but has made provision for making it possible. It has added a fifth course in the third year and specifically describes it as an unrestricted option. It is pointed out, also, that the A or B subjects now prescribed in the upper years are chosen for the breadth of content and their non-technical nature.

Recommendation K (Permitting able student in the senior years to substitute a reading course for one of the prescribed courses)

The Council accepts this recommendation for the final or third year of the B.A. or B.Sc. degree. In that year, the abler type of students will be given the privilege of taking four instead of five courses on the understanding that they will use the extra time to further their own general reading. With regard to the definition of "abler student", it was decided to accept the suggestion made by the President in Appendix 2, namely, a standing of 75%, with the addition that the student should also have four second class standings in his second year. In order not to make the

division too mechanical, it was also decided that a student who had four second classes in the second year but did not achieve a 75% average, could apply for this privilege and his application would be considered on its merits. It was further decided that, on the whole, it might be better not to prescribe or control the extra reading in any way on the assumption that students of this type are likely to make good use of their time. They will be advised to go more deeply into certain of the courses they are taking or, if they prefer, to extend their reading to matters outside their courses altogether. The departments may, if they wish, regulate this work, and the pattern system makes this kind of general control practicable.

II. B.A. and B.Sc. Honors Programs

Recommendation F (Required courses outside division of concentration be not less than in the pattern program for the same department)

The Council feels that, for purposes of the Honors degree, the really important distinction is that between A and B Division courses on the one hand and C Division on the other. A student taking Honors in an A Division subject (English, for example) might achieve variety and breadth by taking another A Division subject such as French. This recommendation is therefore more applicable to Honors in C Division subjects. The Faculty recommends that, with the modification just suggested, Recommendation F be accepted.

The Faculty recommends further that, in the case of the B.Sc. Honors students, the A or B courses should be selected from the special A or B list prescribed for the ordinary B.Sc. students. Cause must be shown for any departure from the recommendation in this and the preceding paragraph.

The Faculty is of the opinion that, in view of the variety of individual needs and interests which the Honors programs try to cater for, these programs in the upper years especially should be left, as now, largely to the discretion of the

departments; but departments are requested to avoid programs that are rather obviously restricted in character. It is the responsibility of the Committee on Honors to see that this is done.

III. Professional Schools and Combined Courses

The Report does not appear to make specific recommendations with respect to the combined courses (B.A., LL.B., B.Sc., M.D., etc.) and professional Schools (Commerce and Household Economics) under the general administrative supervision of this Faculty. This is taken to mean that, on the whole, a reasonable provision is being made in these courses and Schools for general education.

IV. General Reading

Recommendation J (Departments and instructors to experiment with methods of stimulating general reading and to report on methods they have found successful)

The Council endorses this suggestion and points out that certain departments have been putting it into practice to some extent without, however, reporting on it. The Committee on Honors attaches special importance to it in the case of Honors students. It is now suggested that the practice be extended, at the discretion of departments, to pass students. The general control of the student's program implied in the pattern system makes it practicable.

The Council notes that the Report recommends against the plan of summer reading as originally proposed, namely, compulsory reading tested by examination or by some other method. In view of that attitude, the Council is not making any suggestion beyond pointing out that some departments at any rate, especially in connection with their Honors students, expect something in this direction from their students. In passing, it is perhaps worth noting the somewhat novel suggestion made by one member of Council, namely, that the Philosophical Society might be

asked to consider the question of basing their Essay Prize Competition on a program of summer reading.

Certain additional points in the Report which were not in the nature of specific recommendations came in for comment. It was pointed out that the statement on Page 28 (the bearing of the size of the class on what an instructor can do for his students) should have received even more emphasis than it did and might, with advantage, have been summed up in a specific recommendation governing the size of classes. Again, Recommendation N (visiting lecturers, etc.) was felt to be of great importance, and while it is a matter that concerns the University generally rather than this Faculty specifically, it was felt that this Faculty has a special interest in the adoption and development of the plan suggested in that recommendation.

In conclusion, the Council wishes to record its appreciation of the tenor of the Report as a whole, whatever differences of opinion there may be with regard to particular points. It is noted that, over and above the recommendations it makes to particular faculties and schools, the Report will render a useful service in drawing attention to the fact that, insofar as the University is falling short in its task of providing general education, this is largely due to causes which are not within the control of the University itself.

Respectfully submitted,

Dean,

Facuoty of Arts and Science.

REPORT
OF
THE SPECIAL COMMITTEE
ON
GENERAL EDUCATION

Oct. 23-25, 1948
W.H.J.
Oct. 25/48.
1948

REPORT OF SPECIAL COMMITTEE ON GENERAL EDUCATION

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SPECIAL COMMITTEE ON GENERAL EDUCATION

PART I. REFERENCE TO THE COMMITTEE.

Preface (written last).

On January 26, 1948, the University Senate considered a letter from Mr. R. T. Alderman referring to 'the question of increased emphasis upon humanistic studies in our University' (Appendix 1). The views expressed by Mr. Alderman were endorsed by the Senate, and the matter was referred to General Faculty Council for a report. At its meeting of the same date General Faculty Council approved the appointment of a special committee to consider and report on the matters raised by Mr. R. T. Alderman.

The Special Committee on General Education was appointed by the President under a letter of February 1st, 1948. (Appendix 2).

The Committee consisted of the following:

Arts and Science:	Professor Andrew Stewart, Chairman
	Dr. D. M. Healy
	Dr. D. B. Scott
Agriculture:	Dr. J. D. Newton
Engineering:	Professor G. W. Govier
Dentistry:	Dr. J. W. Neilson
Education:	Professor B. E. Walker
Law:	Acting-Dean W. F. Bowker
Medicine:	Dr. H. E. Rawlinson

During the absence of Professor B. E. Walker, the Faculty of Education was represented at meetings of the Committee by Professor H. S. Baker.

At its initial meeting on March 3, 1948, the Committee considered Mr. Alderman's letter and discussed the procedures to be followed in the Committee's enquiries. It was agreed that members of the Committee should consult with the Deans of the Faculties represented and pre-

pare a brief statement covering the course of studies prescribed by the Faculty.(1) Three further meetings were held in March, April and May. During the summer, members of the Committee were dispersed. The draft of the Committee's report was discussed at a meeting on October 8, 1948.

Mr. Alderman's letter referred to the number of students pursuing 'mathematical and scientific subjects' and the decline in student enrolment in the 'literary, historical and philosophical subjects'. The Committee undertook to study the enrolment of students by faculties and schools over a period of years, and thus to determine the extent of the trend, in the University of Alberta, toward the predominantly scientific and professional programs. This matter is dealt with in Part II of the Report.

Mr. Alderman's letter referred to a trend toward increased time and attention to scientific subjects at the expense of the humanities; and stated that capacity on the part of the student to see his special field in relation to social needs and human problems 'cannot be acquired if courses in the non-humanistic studies are permitted to become more and more specialized, lengthened and overloaded'. The Committee undertook to investigate the prescription of courses leading to the various degrees, in order to discover the present distribution of courses in the several faculties and schools and the extent of any increase in the time allotted to scientific subjects at the expense of the humanistic studies. This matter is dealt with in Part III of the Report.

Mr. Alderman expressed the hope that 'the University has been giving consideration to this matter'. The Committee undertook to dis-

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(1) Statements prepared by members of the Committee, although not submitted as part of the Report of the Committee, form a portion of the record of the deliberations of the Committee.

cover the consideration which had been given, by Faculty Councils and otherwise, to the problems referred to in Mr. Alderman's letter. Part IV of the Report summarizes the findings of the Committee on this matter.

The Committee endorsed the views expressed in Mr. Alderman's letter, that the development of 'large-mindedness' is a necessity of this age, and that the student's experience at the University should contribute to a comprehension of the human implications of expanding scientific knowledge. The Committee has concerned itself with means, within the powers of the University, to achieve a fuller realization of these objectives. The Committee's recommendations are included in Part V of the Report.

In view of the specific matters raised in Mr. Alderman's letter the Committee has felt it necessary to consider in detail the arrangements within particular faculties and schools. The Committee is aware that these arrangements have evolved out of careful consideration of the requirements of students proceeding to various degrees by members of faculty peculiarly well qualified to appreciate the nature of the requirements in each case. We are also aware that faculties have these matters under constant view. Neither as individuals, nor as a group, do the members of the Committee feel that the particular recommendations they have made can outweigh the considered judgments of the Faculties and Schools concerned.

The Committee has conceived its function to be that of taking an over-all view. As between various faculties and schools, their view discloses some significant differences. First, there are differences in trends. In some faculties, e.g., law and medicine, there has been a continuous trend toward a broader base of general education; others, e.g.,

applied science and agriculture, show no noticeable change; while in others, e.g., arts and science, including the honors programs, there has been some tendency toward increasing specialization.

Second, there are differences in the degree of specialization. Apart from the additional year, honors programs in the Faculty of Arts and Science tend to be more specialized than pass programs. Engineering and dentistry appear to be more specialized than law, commerce, or medicine.

Third, there are differences in the hours of formal classroom instruction. Students in Arts, Commerce and Law, for example, have clearly much more time at their disposal for independent study and reflection than have students in Engineering, Dentistry and Medicine.

The Committee fully appreciates that the requirements of an adequate program of instruction in each of the various faculties and schools may differ. Further, observed differences are in some measure imposed by external factors beyond the control of the University. Prescriptions of professional organizations and the necessity of conformity with the requirements of other institutions are important factors. Again, the difficulty of reconciling the valid claims of different departments of knowledge within the time limit, imposed by circumstances outside the control of the University, is always present.

The general position of the University is most significantly affected by the environment within which the University must function. It is abundantly apparent that the vast majority of students come to the University for vocational training. The dominating purpose is to select the program of studies which, subject to the student's interests, inclinations and aptitudes, offers the best employment prospects; and within the limits of the electives offered to choose those courses which either

offer the best prospect of successful completion, or bear most directly on the field of employment contemplated. In the immediate past years this bias has been accentuated by the concern of the Department of Veterans' Affairs over the occupational placement of veteran students. But the same bias is apparent among the younger civilian students whose attitudes reflect the views and institutions of the community in which they have been brought up.

The Committee sees no reason to commend or to deplore this attitude on the part of the public and of students. However, if the University accepts responsibility for furthering general education, if there is a difference between training for citizenship and training for employment, and if the University aims primarily to train for citizenship, arrangements for this kind of training within the University can be facilitated by making the University's position on these matters unmistakeably clear to the public.

Despite the weight of consideration given to curriculum matters, the Committee is not convinced that the solution of the problem, which it has been asked to consider, lies so much in requiring students to take particular courses as in changing or developing the attitudes and outlooks of students.

It may be agreed that many University graduates are inadequately prepared to assume the responsibilities of citizenship, or the peculiar responsibilities of leadership, in the community. It would be very difficult to prove that the proportion of such students differs significantly among the graduates of different faculties and schools. They are certainly found among the graduates of all faculties and no faculty has a monopoly of good citizens among its graduates. What makes the difference? Not so much, we think, the subject matter of the particu-

lar courses taken as the complex of attitudes developed both prior to entering the University and during the period at the University. The Committee has therefore stressed the atmosphere of the University, and the outlook and inspiration of the teachers. Given the material with which the University has to work it is these factors mainly which determine the nature of the product.

The Committee's view is evident in its conclusions regarding required summer reading. We would agree that there is a deficiency somewhere if University students prefer to spend their leisure hours during the summer reading Lil Abner or the popular versions of the Kinsey report. The deficiency is much too fundamental to be solved by requiring the student to read a book. This method provides no guarantee that the student will choose to read good literature after he is free from the compulsions of formal education. Such a desirable objective can be assured only if somewhere along the path of education the student has been awakened to, and has learned to appreciate, the values to be derived from good literature.

Similarly, the University graduate will emerge as a technician rather than an educated citizen unless he becomes conscious of his place in, and the implications of his field of specialization to, society.

The Committee's recommendations indicate awareness of the educational value of some diversity of courses or subjects. We do not suppose that the essential quality of the educated citizen can be assured merely by requiring the student to take an additional course or two in other disciplines. We are inclined to attach more importance to the manner in which the student is brought into touch with a field of knowledge than to the particular matter of the subjects.

In its consideration of particular measures the Committee has

not overlooked the factor of cost as it might bear either on the community or on the student. It would be unreasonable to expect that all useful avenues of change could be pursued without incurring some additional financial outlay. Some of the Committee's recommendations would involve added cost. In the inclusion of such recommendations the implication is that, in the opinion of the Committee and so far as we have been able to appraise the added cost, it would appear to be justified by the benefits to be derived. The Committee has refrained from making recommendations where it seemed to us that the disadvantages, including financial cost, would outweigh the gains.

PART II. TRENDS IN STUDENT REGISTRATIONS BY FACULTIES.

The Committee has reviewed the degrees and diplomas awarded annually from 1927 to 1948. Before the impact of the War there were no noticieable trends in the distribution of undergraduate degrees and diplomas between various faculties and schools; although the total number showed a steady increase. The degrees of B.A. and B.Sc. (Arts) together accounted for slightly over 40% of the total; and B.Sc. (Eng.) about 10%. The B. Ed. was a graduate degree, and only 17 were awarded between 1927 and 1942. All other degrees and diplomas represented slightly less than 50% of the total.(1)

The effects of war-time policies affecting University education are evident in the number of degrees and diplomas awarded between 1942 and 1946. These effects may be summarized as follows:

(a) Decline in the number and proportion of B.A. degrees.

(b) Slight increase in the proportion of B.Sc. (Arts.)

(c) Slight increase in the proportion of B.Sc. (Eng.)

(d) Significant increase in the number and proportion of B. Ed. degrees

(e) Significant decrease in the number and proportion of other degrees and diplomas.

(f) The proportion of B.A., B.Sc. (Arts), and B. Ed. degrees together was substantially the same in 1946 as in 1942. As, in pre-war years, a high proportion of students receiving the B.A. degree entered the teaching profession, it appears that the decline in the number and proportion of B.A. degrees can be attributed as much to the establishment of the B. Ed. as an undergraduate degree, as to the other effects of the war.

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(1) The data on which the discussion of trends is based are available in the record of material before the Committee.

In more recent years the distribution of students has been affected by the veteran registration. The ratio of rehabilitation to civilian students is relatively heavy in Engineering and Commerce, and to a lesser extent in Agriculture, Dentistry and Law; it is relatively light in the B.A. and B.Sc. (Arts) programs, and in Education and Medicine. Consequently, after the veteran students have been graduated, the proportion of students in the professional faculties (other than Education) may be expected to decline; the composition of the student body returning more closely to the pre-war balance between Arts and the professional faculties and schools. However, in view of the influence of the undergraduate degree in Education it is unlikely that students proceeding toward Arts degrees will represent as large a proportion of the student body as they have in the past.

The Committee does not conceive it to be possible, or indeed desirable, to influence significantly the number of students proceeding to the degrees of B.A. or B.Sc. (Arts) as final degrees. It appears reasonable to expect that the proportion of students registered in the B.Sc. program will be maintained. The proportion of students proceeding to the degree of B.A. may, in the long-run, decline. Consequently, if the University is to give to its graduates a broader base of general education, this must be provided for within the framework of the prescriptions, including pre-professional requirements, for the professional degrees.

PART III. PRESCRIPTIONS OF COURSES IN FACULTIES AND SCHOOLS.

The Committee has studied the curricula of the various faculties and schools; and has enquired into the changes which have occurred over the years.

Faculty of Arts and Science.

Three-Year Pass Courses (B.A. and B.Sc.)

General regulations affecting courses include:

(a) Not more than one course in a department in the first year;

(b) Not more than two courses in a department in any year;

(c) B.A. patterns include 3 "C" Division subjects;(1)

(d) B.Sc. patterns include 3 "A" or "B" Division subjects

A major change in the prescription of courses occurred with the introduction of the "patterns" in the academic year 1946-7. The B.Sc. patterns prescribe one less "A" or "B" Division Course than was previously required; but the courses prescribed have been selected for their general educational value. In the B.A. patterns, Biology 41 was introduced as a course specially designed for students concentrating on "A" and "B" Divisions.

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(1) In the Faculty of Arts and Science courses are grouped into Divisions as follows.

Division A. Languages, Literature and Fine Arts.
Includes courses offered in the Departments of Classics, English, Fine Arts, and Modern Languages.

Division B. Philosophy, History and Political Economy.
Includes courses offered in the Departments of History, Philosophy and Psychology, and Political Economy.

Division C. Mathematics and Natural Sciences.
Includes courses offered in the Departments of Botany, Chemistry, Geology, Mathematics, Physics, Zoology, and in some other scientific departments.

A further change occurred in the programs for 1948-9, the number of courses in the third year being reduced from five to four. It is not intended that this change will reduce the number of "C" Division subjects in the B.A. pattern; or of "A" or "B" subjects in the B.Sc. pattern.

Although greater specialization is not inherent in the idea of the patterns, the introduction of the patterns, in effect, resulted in some increase in specialization.

Honors Programs.

The general provisions for honors programs establish the following conditions: (a) in first year, at least one course outside the division of concentration; (b) in the second and third years, courses in two departments in the same division; (c) in the fourth year, all courses may be taken in one department. The minimum requirement in the B.A. programs is one "C" Division course, and in the B.Sc. programs one "A" or "B" Division course. Both B.A. and B.Sc. programs provide for a high degree of concentration; and there has been some tendency toward increasing specialization in the Honors Programs.

School of Household Economics.

In addition to courses in the Department of Household Economics, the program for the degree of Bachelor of Science in Household Economics provides for seven "C" Division Courses; one "A" Division and one "B" Division Course; and an "A" or "B" option. Students in the final year are offered a further option. In practice the course selected is almost invariably an "A" or "B" Division Course.

There has been no apparent trend toward increasing specialization.

School of Commerce.

In addition to courses in Accounting and Commercial Law, the program for the degree of Bachelor of Commerce provides for one "A" Division course, 5½ "B" courses, and two "C" courses.

The four-year program, Honors Political Economy, which has been in effect for some time includes the same number of "A" and "C" courses as are required for the pass degree.

Provision for a four-year program, Honors Business Administration, was approved in 1947. This program which merely adds another, and specialized, year onto the prescriptions for the pass degree has not yet been put into affect.

Apart from the introduction of the Honors program in Business Administration, there has been no significant trend toward increased specialization in the requirements of the School of Commerce.

Professional Faculties

Faculties of Agriculture, Engineering, Dentistry.

In these faculties provision for courses in the humanities and social sciences is slight, but there has been no trend.

The Faculty of Agriculture requires one course in English and Public Speaking (two courses for students from the Schools of Agriculture) and one course in Political Economy. Senior students in some, but not all, of the special Groups are required to take additional "A" or "B" subjects in the Faculty of Arts and Science.

Students in the Faculty of Engineering are offered only one course in the humanities or social sciences, namely Political Economy 51, a course confined to students in Engineering.

In the course leading to the Degree of D.D.S. the pre-dental year includes English 4. The first year of the combined course (B.Sc., D.D.S.) includes English 4, and an "A" or "B" option; the second year, Psychology 51 and an option which, in addition to "C" Division subjects, includes English and History.

Faculty of Medicine.

The Faculty of Medicine requires two years of pre-medical credits which enable the student to receive the combined degrees of B.Sc., M.D. The prescriptions for the combined course are similar to those of the B.Sc., D.D.S. program.

The trend in the Faculty of Medicine has been toward an increase in the content of courses of general educational significance. Twenty-five years ago the medical course in Alberta, as in most schools, was one of 5 years after Grade XI. The first of these years was one of pre-medical training, though not exclusively, and the content of this year was rigid and unvarying. Today the entrance requirement is Grade XII, the pre-medical course is of two years duration, and almost one half of the courses offered in these years are non-science ones which are available in a fairly wide range of options.

School of Nursing.

The first year of the course leading to the degree of Bachelor of Science in Nursing includes one "A" course; one "B" course; and an

option which may be a "B" Division Course. Additional courses of general educational significance are taken in the three years required for the Diploma in Nursing, and in the final year.

There has been no significant trend.

School of Pharmacy.

In 1944, the Alberta Pharmaceutical Association replaced the Diploma by the degree of Bachelor of Science in Pharmacy as the minimum requirement for the license to practice in Alberta. The three-year degree provides for more general education than the Diploma students received, although present requirements include only English 2, and an "A" or "B" option in the final year.

Veteran students are still enrolled in the Diploma program. The curriculum for the degree course is to be revised next year.

Faculty of Education.

In the early years the B. Ed. was a graduate degree following graduation in the Faculty of Arts and Science. The undergraduate degree was instituted in 1942. Between 1942 and 1944 the undergraduate B. Ed. degree was based on matriculation and a three year university program including 8 courses in the Faculty of Education and 10 courses in the Faculty of Arts and Science. Beginning in 1945-6 four years were required to graduation (except in the case of veteran students) and a number of different programs were introduced. Today students proceeding to certification as a high school teacher are required to take 13 courses in the Faculty of Education and 14 courses in the Faculty of Arts and Science. Other programs, for example, Industrial Arts, include a smaller number of

courses in the Faculty of Arts.

Developments in the Faculty of Education have tended to increase the content of general education in the training of teachers; but this has been brought about by the increase in the number of teachers obtaining degrees rather than by an increase in the content of courses required for the degree.

Faculty of Law.

In 1921 students were permitted to enter law with senior matriculation. In 1926 pre-legal training was increased to include one year of Arts. Since 1937 students have been required either to take the combined course in Arts and Law, which involves two years in the Faculty of Arts followed by three years of Law, or to complete a B.A. or equivalent degree before starting the three years of Law.

Graduates in Law are therefore required to take a very general course; and the trend has been toward an increased content of general education.

To sum up:

(a) The degree of specialization varies considerably between faculties and schools. The content of courses with general educational significance is lowest in the professional faculties of Engineering and Dentistry. The honors programs in the Faculty of Arts and Science are, in some cases, highly specialized.

(b) Some faculties have shown a consistent trend toward more general education. Some trend toward greater specialization is apparent in both the pass and honors programs in the Faculty of Arts and Science.

Hours of Formal Instruction.

The following table shows the number of hours of lectures and laboratory work required of students in different programs.

HOURS PER WEEK IN FACULTIES AND SCHOOLS, BY YEARS, TERMS, INCLUDING LECTURES AND LABORATORIES

	1ST YEAR				2ND YEAR				3RD YEAR				4TH YEAR			
	F		S		F		S		F		S		F		S	
	L	LAB	L	LAB	L	LAB	L	LAB	L	LAB	L	LAB	L	LAB	L	LAB
B.A. (PASS)	15	3	15	3	15	3	15	3	12	3	12	3	--	--	--	--
B.Sc.(PASS)	15	10	15	10	15	10	15	10	12	7	12	7				
B.A. (HON.)	-------- Not More Than 18 Hours ------------------															
B.Sc.(HON.)	--------- 3rd and 4th Years Up To										8	24				
B. COM.	15	2	18	2	15	6	15	6	15	3	15	3	--	--	--	--
B.Sc.(H.EC.)	18	9	15	9	13	17	14	17	15	12	12	12	--	--	--	--
B.Sc. (AG.)	15	15	15	15	16	9	20	12	44 Hrs. in 3rd and 4th Years							
B.Sc. (ENG.)																
CIVIL	14	13	14	15	18½	11½	17	9½	17	10½	21	13½	17	15	17	12
CHEM.	14	13	14	15	21½	9½	20	12½	14½	15	13½	15	15	16½	12	19½
ELECT.	14	13	14	15	18½	14½	17½	12½	19½	9½	18½	9½	17	14½	17	14½
MINING	14	13	14	15	19½	11	17½	11	17	13½	16	13½	14	18	14	18
LL. B.	17	----	17	------2nd and 3rd Years, 35 Hours									----	----	----	----
M. D.	12	24	13	24	15	22	13	18	18	25	13	28	18	27½	14	30
B.Sc.(PHARM.)	14	12	17	15	15	18	15	15	17	14	16	15	---	----	----	----
B.Sc.(NURS.)	15	6	15	6	-------------- 5th Year,								16	5	12	5
D.D.S.	39 Hours				31 Hours				42 Hours				46 Hours			
B. ED.	Av.25 Hours				Av.25 Hours				Av. 22 Hours				Av. 22 Hours			

It is difficult to draw significant conclusions from a comparison of hours of formal classroom work per week. The "weight" of lectures varies; and it is impossible to relate laboratory periods to lecture periods. Nevertheless, it is clear that when the student is occupied for as much as 6 to 8 hours a day in the classroom, he has little time for study and other activities; and it is difficult to escape the conclusion that, in this sense, some programs are overloaded.

PART IV. CONSIDERATION GIVEN, WITHIN THE UNIVERSITY, TO THE PROBLEMS OF PROVIDING GENERAL EDUCATION.

The problems of general education, particularly as they are related to curriculum prescriptions, are constantly before members of the academic staff of the University in their capacities as members of Councils or Departments and as instructors.

President Newton's proposal regarding required summer reading (see Appendix 1) was discussed in all faculty councils, thus providing for consideration of some aspects of the problems of general education throughout the whole University. Although the proposal of required reading with examination was not adopted by Councils, some faculties, e.g., Agriculture, introduced somewhat modified procedures to encourage summer reading; and the Faculty of Dentistry made a survey of the summer reading of students in that Faculty.

The Library has also taken steps to encourage more general reading among students, by providing, both in the main library and in faculty libraries, shelves of 'suggested readings'. The Committee is pleased to discover that the plans for the new Library Building provide further facilities to stimulate general reading.

Various faculties and schools have from time to time taken formal action to review the program of studies and to consider proposals for the revision of the curriculum. Regardless of the outcome, this action has invariably brought the whole question of general education formally before the members of Council.

The Committee has not attempted to prepare a complete enumeration of action within faculties and schools bearing on the problems of general education. Reference to the following is sufficient to indicate

the extent of the attention which has been given to these matters.

Faculty of Arts and Science:

Report of Committee on Revision of Curriculum. 1946.

Faculty of Engineering:

Report of Committee on Curriculum Suggestions. 1946.

Report of Committee on Cost of Five-Year Program. 1947.

Professor Lilge's 'Time Studies'.

Faculty of Medicine:

Report of "Committee on B.Sc. M.D. Program". 1947.

Faculty of Law:

"On Legal Education in Canada", G. H. Steer, K.C., Canadian Bar Review, November, 1947.

(Honorary Professor G. H. Steer is Chairman of the Legal Education and Training Section of the Canadian Bar Association.)

Faculty of Dentistry:

Dean Hamilton has proposed to the Canadian Council on Dental Education that the combined course (B.Sc.D.D.S.) should be made compulsory. So far no action has been taken by the Council on this proposal. The Faculty has also had under consideration the problem of over-loading of the timetable. (Dean Hamilton is chairman of the Canadian Council on Dental Education.)

In view of certain of the recommendations included in this report, the Committee desires to point out that it is aware that some faculties and schools have already included within the program of studies courses on the relation of the profession to society; and that some departments have introduced courses the content of which is designed to meet the needs of students taking the subject for purposes of general education.

In their dealings with students, individual members of the staff, as instructors or advisors, are constantly reminded of the problems of general education. The common experience is that students are averse to taking courses which do not appear to have a direct relation to the development of professional or vocational capacities. Courses introduced into the curriculum because of their general educational significance have to be justified to and urged upon the majority of students.

PART V. RECOMMENDATIONS.

1. THE RELATION OF THE UNIVERSITY TO THE SCHOOL SYSTEM.

The educational process is continuous. The University is part of the educational system. While the University has assumed the function of providing its graduates with a level of professional competence in certain specialized fields, it does not, and cannot, admit that general education should be confined to the schools. The educational system should provide for continuity in the whole process of education, without an abrupt break from the general to the specialized fields upon entrance into the University. The Committee is of the opinion that the withdrawal of Grade XII from the University weakened the participation of the University in the field of general education. We note that an increasing number of pupils in Grade XII find it necessary to spread the work of that Grade over two years, and we anticipate the eventual inclusion of a Grade XIII in the high schools.

A. It is recommended that, if an additional year becomes recognized in the school system, the University should be prepared to accept students who have completed Grade XII, adding one year, common to all students, to all programmes of study at the University.

2. THE RELATION OF THE UNIVERSITY OF ALBERTA TO OTHER CANADIAN UNIVERSITIES.

In establishing the requirements for any degree no single University can depart far from the general level established in the recognized institutions of the country. If a University lowers its requirements, it may lose in enrolments; it will certainly lose in reputation. On the other hand, if one University raises its requirements by

including additional courses and extending the period to graduation, it is likely to lose in enrolments. There is evidence that Canadian Universities generally are concerned about the problem of general education. To be effective this concern must be carried beyond the expression of broad objectives; it must be translated into the details of curriculum adjustments.

B. It is recommended that the University of Alberta, through its representation at the Conference of Canadian Universities, continue to press the claims of general education in the University, and urge upon the Conference the establishment of a National Committee to investigate and report on coordinated action to secure some uniformity of requirements consistent with the desired degree of general education.

3. THE RELATION OF THE UNIVERSITY TO THE PROFESSIONAL ORGANIZATIONS.

Universities frequently find their freedom of action limited by the requirements laid down by professional organizations. Deans of Faculties in the University of Alberta have, in more than one instance and on more than one occasion, laid before the professional bodies concerned the need for a wider base of general education within the requirements for the professional degree. Recent action by professional organizations indicates a generally sympathetic attitude. Most of the professional organizations are national in scope, or, if local, cannot depart far from the general requirements of similar organizations throughout the country.

C. It is recommended that, if the Conference of Canadian Universities can be induced to establish the National Committee referred to in recommendation B, the University of Alberta should urge this Committee to consult with the professional organizations, and where necessary, secure their support for revision of course prescriptions.

4. CURRICULUM ADJUSTMENTS WITHIN THE FACULTY OF ARTS.

(a) The Three-Year Pass Course.

The maintenance of a satisfactory program of general education within the framework of the three-year pass course depends on the following:

(1) Agreement on the broad objects of a general education.

(2) Appreciation of the special characteristics of courses designed to contribute to general education.

(3) Provision of courses having the necessary characteristics and, if necessary, segregation in these courses of students electing or requiring the particular subject for the purposes of general education.

(4) Curriculum specifications prescribing an adequate balance between distinct fields of study.

(5) Instructors who, by their training, inclinations, and infectious enthusiasm are capable of disclosing to students the broad human implications of their subject as well as of inspiring students to further effort and enquiry on their own.

(6) Students who are conscious of the value of general education and sympathetic to the kind of curriculum and courses required for general education.

The object of general education is not to produce a man who is, or may hope to become, at once an accomplished linguist, philosopher, historian, economist, mathematician, geologist, physicist, and chemist. The object of general education is to turn out an individual who has some capacity to appreciate the relation of the various branches of knowledge to the business and art of living, and who has been stimulated to

pursue his own enquiries further.

Conscientious instructors in particular departments, aware of the vast reaches of their own field, are frequently reluctant to admit that the student can acquire any useful knowledge or appreciation of the subject in a single course or even in two courses. This point of view may be based on either an implicit assumption that general education is impossible within the existing time-limit, or a failure to recognize the nature of general education. Time does limit the extent of the formal education the student can obtain; and three years may be too short for this age. Nevertheless, something substantial in the way of general education can be accomplished with three years after high school. It is difficult to believe there is any subject which, even within the confines of a single course, cannot be so presented to the student as to make him aware of its place in the whole field of knowledge, to develop some aptitude in its own methods, and to provoke an inquisitive desire to learn more.

It is possible, and the tendency has been in this direction, to develop a hierarchy of particular courses designed for students who will carry their contact with the subject over several courses. The method of developing the subject which this arrangement involves, is admirably adapted to the purposes for which it is designed. It is clearly not suited to the needs of students who propose to take one course, or perhaps two courses, for purposes of general education. It may well be impossible, in particular subjects, to offer one course adapted to the needs of the student who will not proceed further, without the course involving a substantial waste of time to the student whose instruction will extend over three years and five courses in the department. Where this is so, a special course should, if possible, be offered to meet

their needs.

The term general education implies a 'balance' between various fields of study. The Committee holds the view that all fields of study have broad educational value. We are not prepared to admit that the biologist, for example, is in any significant sense less well-educated than, for example, the classical scholar. The Committee does agree that there is a valid distinction between those disciplines which are primarily concerned with people (i.e., the humanistic studies, which include the humanities and the social sciences) and those disciplines which are primarily concerned with non-human materials (i.e., the physical and the biological sciences). At the same time we recognize that the arbitrary boundaries set to particular disciplines do violence to the unity of knowledge, and may obscure the essential uniformity of the approach to knowledge. There is therefore danger both in neglect of, and over-emphasis on, the dichotomy of humanistic and scientific disciplines.

Moreover, the humanistic disciplines have their own jargon, tools, technical apparatus, and methods; and some measure of familiarity and skill with these must be acquired if the student aims to advance far in the subject. Consequently, a course in English or Economics may be as aridly technical as any course in Botany or Bacteriology. Conversely, Botany and Bacteriology have immense human implications, and a course in either subject could be as humanistic as many courses in English or Economics.

Assuming that courses of the character necessary for general education are available, there is still the problem of devising curriculum prescriptions which will provide an adequate balance. The Committee is in accord with the broad conclusions of the earlier 'Committee on Revision

of the Curriculum of the Faculty of Arts and Science', namely, that the elective system failed to provide a satisfactory program of general education, and that the student should be permitted to gain "a satisfying feeling of competence in a particular field". We are of the opinion that the adoption of the pattern principle was a forward step; but we note that with the introduction of the pattern system there was some reduction in the number of prescribed courses outside the division of concentration.

no A. B. or C.

There is no clear cut or final answer to the educational problem with which the Committee has been concerned. On the issue of general or specialized education at the University differing shades of opinion have emerged. Even accepting the objectives of general education we have not been able to reach agreement on the question of the selection and appropriate balance of subjects. It is clear that the content and character of particular courses would be a factor affecting the decision. On one point, however, the Committee is of one mind. In this matter, as in all other problems of education, the atmosphere of the institution, the attributes of the members of faculty, and the attitudes of the students are the most potent factors in determining the character of the product.

~~The University of Alberta is peculiarly handicapped by its position of physical isolation. This position tends to exclude it from associations capable of contributing richly to its atmosphere. Later the Committee recommends action which it is believed would bring to the University, and particularly to the student body, more of the invaluable sense of belonging to a great tradition and a universal fellowship.~~

On the matter of the staff the Committee has only one or two general observations to make.

We are aware that the attributes of the staff--their scholarly approach, qualities of mind, breadth of vision, and devotion to the university tradition--are of unique importance.

It is possible that the process of specialization in the university develops its own momentum. Instructors who are themselves the product of early specialization, and who through single-minded and intense application have reached a position in the forefront of their field, may, in dealing with the general student, err on the side of narrow concentration. The objectives of general education are not to be attained by confronting the student with a series of unrelated courses, in a number of carefully differentiated subjects. The student himself cannot be expected to perform the necessary integration, if instructors are themselves either unaware of relations, or insist on drawing and adhering to clearly defined boundaries, or are compelled to stay within narrow limits.

In the pattern system (with which the Committee is in accord) the program of studies provides for a broad base in the first year and some increasing concentration in the senior years. What may happen is then as follows. The student who wishes to take one course in 'X' department does so as a freshman. The course is a preliminary one, pre-requisite to senior courses. Because the course is elementary it is assigned to a relatively inexperienced member of the department; the experienced instructors being reserved for the senior, specialist, honors, and graduate students. All factors then combine to limit the effectiveness of the course as an instrument for general education. If students are to be

directed into particular departments in order to promote their general education, their peculiar requirements should be as much a matter of concern as is the training of the competent specialist.

The Committee feels compelled to repeat, what has already been said so many times, that the size of the class has an important bearing on the impact which the instructor can make on the individual student.

Students arrive at the University with well-developed attitudes and with pre-determined conceptions of the purpose of a University education. The factor of student attitudes is dealt with in a later section of the Report. (See p. 45).

D. The Committee recommends as follows:

That the University adopt the general policy of providing special courses, within particular departments, designed to meet the needs of students who are taking the subject for general purposes; but that, if any department feels that a special course cannot usefully be offered in the subject of the department, it should not be compelled to institute such a course; and that in the selection of courses students should not be compelled to choose subjects in which special courses are offered.

(The Committee has in mind that students in, for example, the history (or chemistry) pattern will follow the sequence of courses normally prescribed by the Department, but that students in the chemistry (or history) patterns may be offered a special course in history (or chemistry). However, the history department (or chemistry department) should not be compelled to offer a special course for students in other patterns if the department feels either that the subject does not lend itself to the kind of treatment characterizing the special courses, or that courses already offered by the department meet the needs of the

general student. Similarly, if the history department does not offer a special course, history may still be included as a subject which may be taken by chemistry pattern students. The Committee feels that the success of special 'general' courses must depend on the appeal of the course to the student. If the University adopts the policy of providing this kind of course, effort must be expended toward ensuring that, in content and presentation, these courses compare favourably with other courses in the departments).

E. That the pattern system be continued but that the requirement, in effect prior to the introduction of the patterns, of four courses outside the Division of concentration be re-instituted, and that (i) in the B.Sc. patterns two courses should be taken in each of 'A' and 'B' Divisions; (ii) in the B.A. patterns two courses should be taken in physical sciences and two courses in the biological sciences, providing that, if the student wishes mathematics he may take two courses in this subject and one in each of the physical and biological sciences.

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(The Committee is of the opinion that since the number of required courses in third year has now been reduced to four, making a total of fourteen courses in the three years, the four courses outside the Division of concentration might be taken in the first two years. The special courses now being provided in biology represent a development wholly consistent with the thinking behind the Committee's recommendation on special courses; and the possibility of further special courses of this kind should be investigated).

(b) Honors Programs.

The general provisions for honors programs establish the following conditions: (a) in first year, at least one course outside the division of concentration; (b) in second and third years, courses in

two departments in the same division; (c) in the fourth year, all courses may be taken in the one department.

Admission to honors is conditional upon high standing in first year of "the general course especially in courses in the field selected for honors". It is implied that students are expected, in their first year, to follow the prescriptions of the "general course"; but the Calendar statement notes that "some departments prescribe a more specialized program in the first year".

The effect of these provisions is that honors programs permit greater specialization in the first three years (and over the entire four years) than is possible in the three-year pattern program.

There are two interpretations of the purpose of the honors program.

Some departments consider their honors programs as professional courses. All subjects offer preparation for specialized employment opportunities after graduation. The student entering the Faculty of Arts may select modern languages or chemistry because he wishes to teach modern languages or to engage in chemical research in industry. If the honors programs are designed to serve this purpose they are professional courses; and some departments at the University of Alberta have established enviable records in the training and accomplishments of their honors students. Assuming that honors programs are, in fact, professional courses the Committee's later comments and recommendations regarding professional courses would apply to honors programs.

Other departments appear to take an alternative view. Students in honors are selected on the basis of their high academic standing. They are the "better students" who may be encouraged to spend a further

year at the University, and to use their ability to acquire a greater competence in their field of special interest. The majority of them will be encouraged to proceed to graduate studies, preferably at some other university. In this case the emphasis is placed upon the additional year, and the greater specialized competence is derived from the added knowledge acquired during the fourth year.

These two points of view can be reconciled only if it is agreed that some measure of general education is desirable, for all students, at the University level. This issue is dealt with in connection with the professional courses. However some differences between the professional programs and the honors courses in the Faculty of Arts may be noted here.

First, standards of admission to honors are normally and generally more selective than the standards of admission to professional faculties. Departments tend to select their honors students with care. The condition of high academic standing is scrupulously applied. If the honors programs are professional courses, they set an unusually high standard of admission.

Second, for the majority of students entering the professional faculties the undergraduate program is designed to complete the formal professional training. A small proportion proceed to graduate work. On the other hand, a high proportion of honors students contemplate an extended period of training following graduation.

Third, some of the professional faculties have already provided for a substantial measure of general education at the University level before admitting students to the professional course; other professional faculties would welcome some broadening of their course. It

must not be supposed that the high degree of specialization characteristic of some honors programs in the Faculty of Arts is in line with current thinking and practice in the professional fields. Moreover, in fields in which there are no rigid prescriptions laid down by professional organizations the University has greater freedom of action. If honors programs are over-specialized it is not possible to place the responsibility on professional organizations.

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In some universities the honors course is the standard course; the pass course is "substandard". The University of Alberta has adhered to the policy of maintaining the pass course as standard; the honors course is a select course. The Committee is aware of a somewhat general disposition to extend the duration of pass courses to four years. It is doubtful if the gain to the average student would justify keeping him at the University for an additional year. The highly competent student can, and does, profit from the added training. His academic ability not only enables him to accomplish more in the customary period; it equips him to probe more deeply into his subject. Consequently it appears that the device of the honors program, conceived as a means of providing further study opportunity to the select student might be more generally used, in the professional faculties, as well as in the Faculty of Arts.

F. It is recommended that in the honors programs the number of required courses outside the division of concentration should in no case be less than the number required in the pass "pattern" program for the same department.

as Div. A - Literature
B. Social Stud.
C + Science Maths.

5. CURRICULUM ADJUSTMENTS IN PROFESSIONAL SCHOOLS AND FACULTIES.

Traditionally, the primary function of the University has been to further general education; universities have assumed the added function of providing graduates with a level of competence in certain specialized fields. The University consequently has now a dual function, namely, to carry forward general education and to provide specialized competence.

A large, and probably a growing proportion of students enter upon programs which are designed to equip them for employment in specialized, and professionalized, activities. In an earlier section the Committee has referred to the relation between the University of Alberta and both professional organizations and other universities.

In some instances, for example, commerce, education and law, the specialized disciplines required for professional competence, are much closer to (they may indeed be considered within) the category of humanistic studies than to the scientific or technical studies. In other cases, for example, agriculture, engineering, dentistry, medicine pharmacy, nursing and household economics, the fields of professional specialization are predominantly scientific or technical.

(a) The History of the Science or Profession.

No doubt students in all professional courses derive some scattered knowledge of the record of their profession and the history of the scientific discipline on which their specialized professional competence rests. Some professional programs include a course which deals specifically with these matters. In the opinion of the Committee all students could gain from a course specifically designed to make them aware both of the record of persistent and successful efforts to expand

the boundaries of knowledge in their chosen field, and of the relation of professional knowledge to human welfare.

The Committee realizes that the mere inclusion of another course may accomplish little; and that some previous efforts in the direction suggested have apparently proved unsuccessful. Experience indicates that a course of the kind contemplated should be given by one instructor. If the Committee's recommendation on this point is accepted, we would urge that the University take such action as may be necessary, to ensure that there is in each professional faculty some member of the staff who is qualified and willing to undertake this key course.

G. It is recommended that there be offered, in each professional faculty or school a required course, to be taken in one of the senior ? years, in the history of the science or profession; the object of the course being to trace the development of the science and its relation to human welfare; the length of the course, i.e., number of terms and hours per week being left to the discretion of the faculty or school.

(b) Minimum Requirements in the Humanities and Social Sciences.

The Committee is of the opinion that the University might well require a minimum number of courses in the humanities or social sciences of all students who, through graduation and the conferring of a degree, carry with them the stamp of approval of the University.

The Committee considers the recommendation of a minimum of two "A" or "B" subjects in the Faculty of Arts and Science (or equivalent courses in other faculties) to be capable of immediate implementation. In the view of the Committee the proposed course in the history of the science or profession (Recommendation G) would be in addition to the

minimum requirement of two "A" or "B" Courses; but the reading course, referred to in a later recommendation (Recommendation L) might be considered as equivalent to, and be substituted for, one of the required lecture courses.

At present the only degree students whose programs do not require at least two "A" or "B" Courses are those in Dentistry and Engineering. (Some B.Sc. Honors programs in the Faculty of Arts and Science require only one "A" or "B" subject; but the position of students in these programs is covered by the recommendation referring to Honors Programs--Recommendation F.)

H. The Committee recommends that the University require a minimum of two "A" or "B" subjects in the Faculty of Arts and Science (or equivalent courses in other faculties), to be included in the pre-professional program or, where no pre-professional program exists, within the professional curriculum.

(c) Faculty of Education.

The University assumed responsibility for the training of all teachers only in 1945. The Committee realizes that the task of raising the general and professional educational level of all teachers to that desired for university graduation may well prove a long and difficult one.

Every effort should be made to increase the general educational attainment of persons in the teaching profession. The policy should be to raise the admission requirements to the Faculty of Education and to increase the amount of university training required to obtain certification.

The Bachelor of Education programs for general teaching in elementary and high schools contain an adequate core of courses of general educational value. There is a persistent demand for teachers to be trained along special lines, for example, in safety, guidance, religion, character-building, or car driving; and a danger of adding to the core of courses of general educational value, such a large number of courses devoted to techniques, methods, and special lines that the student becomes over-burdened and "survives by hurrying" instead of "maturing by thinking"

Bachelor of Education programs for teachers specializing in certain fields are weighted more heavily in favour of technical electives. In the Special programs, including Agriculture, Industrial Arts, Music and Physical Education, the present core of liberal arts courses should be maintained, and, if possible, enlarged.

It has been suggested to the Committee that courses in international relations and in rural sociology be required of all teacher training candidates. The Committee commends this suggestion to the Faculty of Education for their consideration.

(d) Faculty of Agriculture.

A review of modifications in course arrangements during the past 25 years or more in the Faculty of Agriculture shows that there has been no definite trend either away from or toward the humanities and social sciences during this period. However, the time required for compulsory courses in these fields represents about one-tenth of the student's total course hours; although, it is possible for the student to take further courses as options in his senior years. The desirability of increasing the time spent on the humanities and social sciences is

recognized.

The first two years of the course are laid down quite definitel in the Calendar. In addition to elementary courses in Agriculture, and in basic sciences, the following courses in the humanities and social sciences are also compulsory: one course in English and Public Speaking (two courses in English for students from Schools of Agriculture) and one course in Political Economy.

After the first two years are completed, course arrangements are offered along two lines. A general course is offered which has been designed to provide a broad training in Agriculture. In addition, Special Courses are available for students who desire to undertake a certain degree of specialization in some particular field of Agriculture.

Students taking the General Course, and students specializing in Agricultural Economics, Animal Science and Dairying are required to take one additional course in the humanities or social sciences. It is therefore suggested that an attempt be made to include an additional course in one of these subjects in all of the Special Groups.

(e) School of Pharmacy.

The present curriculum in the School of Pharmacy combines the requirements of the diploma and degree courses. The Committee understands that the program of studies for the degree of Bachelor of Science in Pharmacy is to be revised when the veteran students now registered in the diploma course have completed their course.

Present course requirements for degree students include, in the third year, English 2, and "A" or "B" option, and 'Two approved senior courses from the following departments: Botany, Bacteriology,

Biochemistry, Chemistry and Pharmacology'.

The Committee suggests, for the consideration of the School of Pharmacy, that in the revised program of studies (a) English 2 be taken in the first year; (b) the "A" or "B" option be advanced to the second year; and (c) the departments from which one of the approved options might be taken should be extended to include some or all of the departments offering "A" or "B" subjects.

(f) Faculty of Law.

The Faculty of Law at the University of Alberta has progressively increased the general educational content of its requirements. The present pre-legal requirement of the combined B.A. LL.B. course is at least as high as that of any other law school in Canada. The tendency among educators is to favour the completion of the requirements for the B.A. degree before proceeding to law. This does not appear practical at the moment.

(g) Faculty of Medicine.

Medical training has three phases. First a general educational preparation at the University level, the so-called pre-medical training; second, the university instruction in the pre-clinical and clinical sciences; third, the technical training in the practice of medicine.

The University properly delegates the task of technical training to the hospital. Training in preclinical and clinical sciences is the true responsibility of the medical school and the one for which it is specially fitted.

It is in the pre-professional studies at the University level

that the real basis of a sound and broad education, one that will develop and expand throughout life, must be laid; and here the record as regards pre-medical training is encouraging. There has been a steady advance in the amount of general preparation required, and a steady decrease in the rigidity of prescription of content.

Twenty-five years ago the medical course in Alberta, as in most schools, was one of 5 years after Grade XI. The first of these years was one of pre-medical training, though not exclusively, and the content of this year was rigid and unvarying. Today the entrance requirement is Grade XII, the pre-medical course is of two years duration, and almost one-half of the courses taken in these years are non-science ones which are offered in a fairly wide range of options. With the sole exception of classical languages, every medical student of today has taken far more general education, and that of a wider and less purely scientific scope, than any but the exceptional student of previous generations.

There is a marked tendency toward the requirement of a bachelor's degree before entrance into the medical school. While it may be premature to propose such a plan in our own university at this time, the eventual desirability of the step should be kept in mind.

(h) Faculty of Dentistry.

Through the representative of the Faculty of Dentistry the Committee received a statement dealing in detail with the problems connected with the program of studies in Dentistry. This statement is available along with the other documents which comprise the record of the material before the Committee.

The Faculty of Dentistry would be affected by the recommendation regarding a required minimum of two "A" or "B" subjects. (Recommendation H). The Faculty could meet this requirement by the introduction of a reading course (Recommendation L) the time required to complete the work of the course extending over a period of two or three summers, i.e., students might, for example, be advised of the content of the course during the pre-dental year but required to provide evidence of adequate application, by written examination or otherwise, in the second or third year of the dental program.

(i) Faculty of Engineering.

The Faculty of Engineering has given prolonged consideration to increasing the amount of time devoted to courses of a general educational nature. The Report of the Committee on Curriculum suggestions was unanimously accepted by the Faculty which passed the following resolution for consideration by General Faculty Council:

"That a five-year course for the degree of B.Sc. in Applied Science, similar to that outlined in the Report of the Committee on Curriculum Suggestions, be adopted and put into operation, beginning October, 1947."

No action has been taken to institute a five-year program in Engineering, on the grounds that it would be difficult for the University of Alberta to embark on a longer program unless other Canadian Universities did likewise.

The Faculty of Engineering would be affected by the Committee's recommendation regarding a required minimum of two "A" or "B" subjects (Recommendation H.)

6. REQUIRED SUMMER READING.

No matter how excellent the arrangements for, and the quality of instruction, the University fails in its function if the student does not develop the desire, as well as the facility, to pursue his own self-education. The University can provide for too much teaching and for too little learning.

A substantial part of the student's time between enrolment and graduation is spent away from the University. This arrangement is well-adapted to the local situation; and is necessary to enable many students to finance their way through University. In many cases summer employment is such as to advance professional qualifications. Where practical experience is otherwise lacking, some faculties (e.g., Agriculture) require a period of employment of this kind. In other cases credit may be given toward work in the University (e.g., survey school). Probably the experience of summer employment is generally broadening. However, general education appears to be largely neglected.

Over the whole University period, educational advancement should be the primary concern of the student. The neglect of general education, during the summer months, is a reflection on the influence of the University on the students. It is evidence that students have learned little of the methods of education, and have acquired small appreciation of the necessity for self-education.

The Committee has had before it President Newton's suggestion, incorporated in his letter establishing the Committee, of prescribed summer reading.

The proposal raises the question of the purpose of requiring summer reading.

The purpose might be construed as that of adding to the formal education of the student. In this case the books selected would be ones which the student should properly be expected to read as part of his education at the University. If this is so they should be part of the prescribed reading in his courses at the University. If they have no direct bearing on the courses which he is taking, but are nevertheless books which he ought to read as a University student, he should be taking a course into which they would fit.

Alternatively, the purpose of prescribed summer reading might be to ensure that the student does some solid reading during the summer months. In this case the books might be more widely selected; but the Committee is concerned about the element of compulsion involved in the examination. The view has frequently been expressed that unless students were subjected to examination, they would not read the prescribed book. This can only mean that students attending the University have no desire or capacity for solid reading and will not do any solid reading unless forced to by examination. If this is true, and the Committee is very much afraid that it is true of many students, it must be taken as evidence that the University is failing to educate its students during the months they are in attendance.

It might be argued that the University finds it necessary to compel students to do things for their own good; and that required reading is a feature of University instruction. The Committee reaffirms its view that if particular books should be read by University students, they should be found as prescribed reading in courses which the student is taking. But the system of required reading, insofar as it is already incorporated in University instruction, apparently fails to induce a

general desire to read more widely. The reason, in the opinion of the Committee, lies in the association of prescribed reading with examinations. In the eyes of the student the book becomes a text to be read for examination purposes. This is not the way to profit from general reading; nor is it the way to develop a desire for further reading.

The Committee realizes that, by summer reading, students could do much more, than they apparently now do, to advance their general education. In addition to giving earnest consideration to the specific proposal of Dr. Newton, the Committee discussed at length a suggestion which represents a modification of the President's plan. It was suggested that at some time during their time at the University all students should be subjected to a comprehensive examination, based upon a list of selected general readings; and that in order to develop the students' appreciation of the prescribed books and to stimulate his interest in them, the University should offer a series of lectures, without compulsory attendance, on the significance of the books included in the list. It was part of the suggestion that comprehensive examinations would be held on dates which would not conflict with regular examinations, and that students might submit themselves for examination at any time during their University residence.

The Committee rejected this suggestion for the reasons already advanced in regard to the President's proposal.

We are of the opinion that the student should find the stimulus to summer reading, and to general reading after graduation, within the program of studies which he undertakes at the University. The prescription of courses and the nature of instruction given are the essential elements. However, something of value might well be accomplished by

bringing to the attention of students books which have found a lasting place in our literature, and new books which have the ingredients of permanence. This could be done in various ways by faculties, departments and individual instructors. Probably no method would be more effective than the advice of individual instructors.

The Committee feels that there is room for experimentation in this field; and suggests that where useful results appear to have been obtained the methods adopted should be reported to faculty councils, and to General Faculty Council.

I. The Committee recommends that the University prepare, and make available to students a list of 'suggested readings' with a short note on the significance of each work, and with information which would aid the student in securing his own copies.

J. The Committee recommends that faculties, departments and instructors be encouraged to experiment with methods of stimulating general reading by their students, and to report on particular methods which they may find successful.

7. READING COURSES.

In his letter appointing the Committee (Appendix 2) President Newton referred to a suggestion he had recently made to the Deans' Council, namely, that students of demonstrated high ability might be permitted to substitute a reading course for one of the prescribed courses.

The Committee endorses this suggestion which is consistent with the view already expressed that learning is better than teaching, and that it is important to develop in the student the capacity to learn for

himself.

The Committee is prepared to go farther in support of the idea of reading courses. It appears possible to us that in some faculties and departments provision could be made for courses based upon wider reading by students than characterizes the typical lecture course. While the details might well vary some general conditions seem important. The requirements of the course should, we think, be laid down and brought to the attention of the students early in their program of studies with an extended period of time allowed for completing the work. For example, students at the beginning of the first year might be informed on the reading to be covered in a reading course, for which they would receive credit, on satisfactory evidence of having completed the work, at the end of the penultimate year of their program. This procedure would make it possible for the student to distribute his time and effort so as to avoid over-loading in the winter session; and would escape some of the objections to a summer reading course.

K. The Committee recommends that faculties and departments give consideration to permitting able students in the senior years to substitute a reading course for one of the prescribed courses of the year.

L. The Committee recommends that faculties and departments give consideration to incorporating within the courses offered, a reading course or reading courses designed to enable students to read more widely than is possible in the regular lecture courses.

8. STUDENT ATTITUDES AND INTERESTS.

The attitudes and notions of students are probably not unrepresentative of those of the community from which they are drawn; and

the typical student is impatient with a curriculum consistent with his further general education. The primary concern of the vast majority of students is with employment after graduation; to the student, university education is a means toward an end, namely, a more remunerative job than he would be able to obtain without it. Whether this is, or is not, a bad thing is perhaps beside the point. More serious to the furthering of general education is that the student--and in this he is far from being alone--imagines that the more courses he gets in one department or in ancillary departments, that is, the narrower his program of studies, the better equipped for employment he becomes. A poll of employers--in industry, in government departments, and even in universities--might prove that the student is right in his judgment.

The receptiveness of students to the idea and program of general education in the University is an important factor in achieving the purposes of general education. Consequently, if general education is to be promoted, the University might either endeavour to prove, if possible, to the student that his prospects of subsequent progress in employment are enhanced by a general program of studies; or, the University might attempt to create in the minds of the public, particularly the young people coming up to University, an enlarged consciousness of the personal and social value of a general, as opposed to a vocational, education.

On the first point, the Committee feels that the current tendency on the part of professional organizations to support a broadening of the professional curricula is encouraging. This development should be brought to the attention of students. In relation to public opinion, the Committee feels that the University should leave no doubt in the minds of the public as to its position in regard to general education.

Earlier reference has been made to the geographical position of the University of Alberta. This position tends to isolate the student body from the intellectual life of other universities and of other places. Limited associations contribute to narrowness of thought and outlook. If the purposes of general education are to be achieved the student's horizons must be broadened, his understanding of the university deepened, and his appreciation of the variety and colour of human experiences enhanced.

In the opinion of the Committee beneficial results could follow from bringing to the University men and women from whom the student body would derive a feeling of association with other places and other areas of thought; particularly if the students themselves were to participate in the arrangements.

The Committee has in mind visiting lecturers, provided their programs at the University were designed to reach the students; provision for exchange of instructors with other Universities; and encouragement of the system of exchange scholars. In order to provide for student participation, we feel that the students, through their organizations, might be permitted, with the assistance of the University, to organize and direct the programs of the visiting speakers. For example, the History Club might sponsor and be responsible for the arrangements in connection with the visit of a historian. We feel, further, that the University should, with the approval of the Students' Union, give more support and assistance to student organizations, which can serve the purpose of general education, for example, the Public Speaking Club, the Political Science Club, and the International Relations Club. Provided that the Students' representatives approved, we are of the opinion that

the University might assign to some member of the faculty, the function of advising the executives of these organizations. In making this latter suggestion the Committee is aware of the desirability of leaving to student organizations the utmost freedom of action.

The Committee believes that the Students' Union Building will eventually contribute significantly to the development of student attitudes. Careful consideration should, we feel, be given to ways in which the University, through the Students' Union, could assist in making the facilities of the Union Building contribute to student appreciation of the values to be derived from general education.

M. The Committee recommends that, through the publication "Your University" and by other methods that may commend themselves, the University ensure that the public and particularly prospective students, are made clearly aware of the University's position and policy on general education; that the position of professional organizations be accurately represented to students; and that members of faculty be urged to encourage students to think broadly in such selection of courses as is left to the student.

N. The Committee recommends that by visiting lecturers, exchange of instructors, exchange of scholars and like means, the University endeavour to extend the associations of the student body with other Universities and other places.

O. The Committee recommends that the students be encouraged to participate in arrangements of the University to widen the contacts of the student body; and that the matter of University assistance to student organizations serving the purposes of general education be taken up with the students' representatives.

P. The Committee recommends that the University give consideration to ways in which the University could assist the Students' Union in making the facilities of the Union Building contribute to student appreciation of the values to be derived from general education.

APPENDIX 1.

Letter from Mr. R. T. Alderman considered by the Senate, January 26, 1948.

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January 13, 1948.

Dr. G. F. McNally,
Chancellor, University of Alberta,
Edmonton, Alberta.

Mr. Chancellor:-

Several times during the last three or four years the question of increased emphasis upon humanistic studies in our University has been raised by different members of the Senate. It seems to be desirable that further discussion on this subject take place at the next meeting of the Senate and that a definite resolution relative to the matter be formulated.

It can be fairly stated, I believe, that during the last five to ten years the trend in universities has been toward an increase in the time and attention given to mathematical and scientific subjects and toward a decrease in the relative time set apart for literary, historical and philosophical studies. The number of students pursuing the first mentioned subjects has vastly increased, while those pursuing the latter mentioned have seriously declined. The growing tendency toward specialization and increased content in the mathematical and scientific subjects, too, is making it increasingly difficult for students to secure a broad and general education and to give attention to these fields of human knowledge which lead to an understanding of man as a social and spiritual being.

I am aware, of course, that the catastrophic events of the past few years and the amazing progress in scientific research have compelled us to bias our whole university instruction toward the utilitarian and materialistic. I do suggest, however, that, now that the war is over, we give serious thought to the need that all university students, as they face complex and stormy times, acquire a capacity to see their own special fields in relation to the social needs and human problems, a sense of responsibility as Canadian citizens and a broad understanding of national and international issues. Such an outlook cannot be acquired if courses in non-humanistic studies are permitted to become more and more specialized, lengthened and overloaded.

The province and the nation have a right to look for a highly developed sense of citizenship, a competency in leadership and a readiness to sacrifice time and effort in the public welfare from university graduates to whom they have given much. So, it seems to me it is very important that the graduates from our universities should be well grounded in the broader aspects of national and international relationships, as well as proficient in the technical knowledge and skills of the specialized field in which they have received training.

The discovery of atomic energy and the uncertainty of its effects upon the material and social aspects of the world intensify the need that our able young people, our potential leaders, obtain during their years at the university as clear and as broad an understanding as possible of the applications and implications of this new power.

How can this revision in our university program be brought about? I am not sure of the answer to this question, although I am perfectly certain of the need. I do know, however, that many universities in the United States have taken steps to see that studies which will lead to a knowledge and understanding of national and world problems are required of all students irrespective of the faculty in which they enroll. I note, too, that the subject is giving concern to and receiving the serious attention of university authorities in Britain.

I am hopeful, Mr. Chancellor, that the University of Alberta has been giving consideration to this matter and that some definite recommendation will be made by the Senate today.

Yours truly,

(Signed) R. T. Alderman

1402 - 2nd St. N.W.,
Calgary, Alberta.

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APPENDIX 2.

Letter from President Newton
Appointing the Special Committee on General Education.

" UNIVERSITY OF ALBERTA

President's Office February 4, 1948.

Special Committee on General Education

Dear Sirs:

I enclose a copy of a letter, dated January 13, 1948, presente to the January 26 meeting of the University Senate by Mr. R. T. Alderman the Labour representative on that body. Members of the Senate unanimous endorsed the sentiments expressed in this letter, and asked that it be brought to General Faculty Council with a request that a report from thi Council be submitted to the Senate at its meeting in October, 1948. General Faculty Council at its meeting later the same day (January 26) approved the establishment of a special committee to consider and report on this question. The report presumably should be presented to the September meeting of the Council.

After consultation with Dean Macdonald, and through him with a number of other persons, the following committee has been proposed for this purpose:

Arts and Science:	Professor Andrew Stewart, Chairman Dr. D. M. Healy Dr. D. B. Scott
Agriculture:	Dr. J. D. Newton
Applied Science :	Professor G. W. Govier
Dentistry:	Dr. J. W. Neilson
Education:	Professor B. E. Walker
Law:	Acting-Dean W. F. Bowker
Medicine:	Dr. H. E. Rawlinson

I am sending a copy of this letter to each person on this list, and should be glad to hear individually whether you are interested in the work of this committee and willing to serve on it. Personally I think it a very important enterprise.

In looking year by year over the results of studies in distribution of student time in the Department of Mining and, more recently, the results of a questionnaire survey by the Faculty of Dentistry, I hav been deeply concerned to note that students appear to devote practically all of their reading time to the study of lecture notes and that very few indeed ever extend their reading beyond prescribed textbooks.

Two years ago I proposed to the Deans that an attempt be made to extend the general education of students by prescribed summer reading I thought I was being moderate in limiting my suggested prescription to one good solid book each summer, upon which the student would be subjecte

to examination as part of the fall registration procedure. Naturally I urged that in preparing lists from which students might make a selection, special care should be taken to see that the books were of high literary quality and of general educational value, though I saw no harm in allowing a student to choose a book which was part of the background of his own subject. On the other hand I deprecated any tendency to hold the student narrowly to a choice within his own special field. I pointe out the advantage of listing books that were available in cheap editions such as Everyman's or the Modern Library, since students would have to procure their own copies. I mention the foregoing suggestion now since in some faculties summer reading may turn out to be the only practicable route to general education.

Lately I made another suggestion to the Deans' Council, which I hoped might be applicable in at least some faculties. This was that a student who secures an average of 75% or better in any year's work might the following year be given the option of dropping one course (or approximately 25% of his year's programme if it included more than four courses) on his undertaking to spend a corresponding amount of time each week doing independent reading in the Library, probably submitting monthl reviews of what he had read. Here it would probably be necessary to restrict his selection to books falling within the general pattern of his whole course, but otherwise leaving him as free as possible to browse and make his own selections. For the Registrar's records this reading course could be given a number and a mark assigned according to the scope and quality of the reading as reflected in the monthly reports, supplemented possibly by a general examination at the end of the year.

In recording these suggestions I do not wish to limit in any way the scope of the inquiries by the Special Committee on General Education. These are simply suggestions to be considered with any others made to or by the Committee.

Yours sincerely,

(Signed) R. Newton

President

Students with an average of > 75% ~~may~~ will be granted the
privilege of selecting only four courses in fulfilling
the requirements of the third year of the faculty
may be extended to other students who have secured
~~[illegible]~~ second class standing in four courses of the
second year on recommendation by the department
and with the approval of the dean.

> 75% with few records.